

TĚKLA[®]

CLASSICO

MODEL: 18, 24, 30



EKO project	5 class	4 years	8 mm	90,9 %
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ECODESIGN
2020

ACCORDING
TO EN 303-
5:2012
STANDARD

WARRANTY ON
THE
EXCHANGER

STEEL
EXCHANG
ER

THE THERMAL
EFFICIENCY OF THE
BOILER

Hard coal, Wood, (seasoned max. 20% moisture content)



FUEL:



TREE
(moisture content
max. 20%)

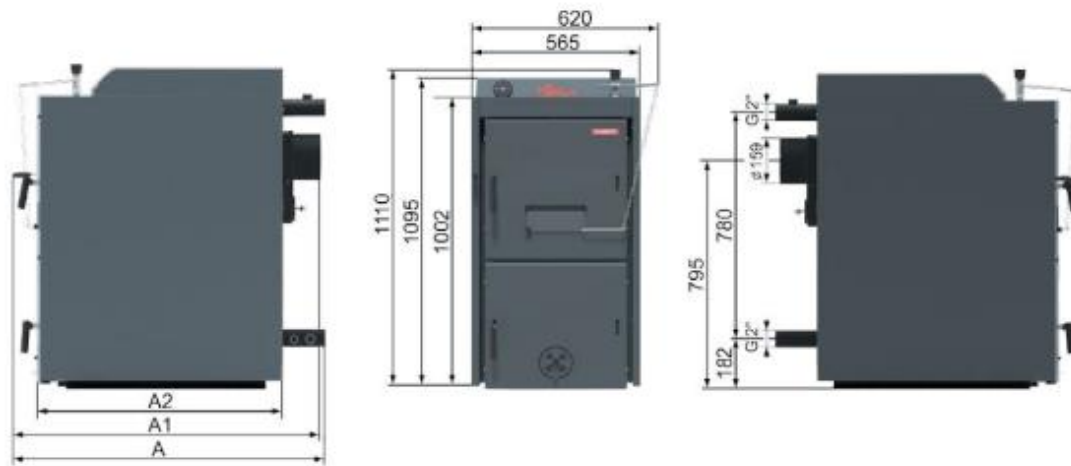


COAL

THE PICTURES IN THIS CATALOGUE ARE FOR INFORMATION ONLY. THE PRESENTED CLASSICO BOILER MODEL 18.

CLASSICO is a steel boiler for solid fuels with manual loading, which is intended for ecological combustion of chunk wood and hard coal. Thanks to a unique solution the combustion process is carried out with a very high efficiency of up to 91%, which allows for significant fuel savings. Its innovative construction enables combustion with natural draught without fan support in gravitational heating systems with open circulation. This means that the boiler does not need to be connected to the electrical system, as it does not need electricity to work! The Classico boiler can also operate in closed systems with forced circulation. The boiler meets the 5th class and Ecodesign requirements for this type of equipment, which is confirmed by appropriate certificates. The power range of 18-30 kW will allow you to choose the right model for the existing heating system in your home. By using this solution you protect the environment.

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Boiler size - Model		18	24	30	
boiler measurements	depth (a)	mm	1000	1000	1100
	depth (a 1)	mm	850	850	950
	depth (a 2)	mm	725	725	825

CLASSICO boilers meet the requirements of the EN 303-5 standard for emission class The conditions5. of this class are met when operating at nominal output. If the rated output is greater than the heat demand of the immediate object, the excess heat must be discharged into a buffer tank.

Firing process:

When firing up, open the flap for the short flue gas circuit, load a small amount of fuel and light it



Burning process:

When the boiler is lit, add fuel to the full load and close the flap short flue gas circuit.



Boiler advantages

- 5 efficiency and emissions class in accordance with PN-EN 303-5:2012
- meets ecodesign requirements
- 4 years of warranty for boiler exchanger tightness
- up to 91% efficiency
- possibility of burning wood and hard coal
- patented combustion chamber system
- exchanger made of high quality steel mm8
- boiler casing painted with powder paint
- simple operation and maintenance
- threaded ferrules for easy installation
- mechanical adjustment of the combustion air supply by means of a draft adjuster
- high heat extraction from flue gas ducts
- possibility of operation without electrical power supply



Technical specifications

Boiler model	-	18	24	30
NoMinal output wood/coal	kW	1920	2425	2829
Wood/coal efficiency	%	89,590,4	89,690,6	89,790,9
wood/coal eMISSION CLAUSE	-	55	55	55
ecodesign	-	YES	YES	YES
energy efficiency clause	-	A+	A+	A+
loading chamber depth	mm	310	310	410
load compartment capacity	dm ³	32	39	41
measurements of the loading hole	mm		360x155	
recommended length of the pieces of wood	mm		350	
indicative fuel consumption at nominal power	kg/h	4,82,7	5,83,4	6,84,0
Sustainability (NoMinal output wood/coal)	h		ok /3 ok 6	
exhaust gas temperature at noMinal power	°C	150-220	150-220	150-210
boiler	Width	mm	620	620
	dimensions depth	mm	1000	1000
	eVenture	mm	1110	1110
weight	kg	388	388	442
Exhaust outlet diameter	mm	159	159	159
height to flue*	mm		795	
MiniMinimum coMinimum driVe wood/coal	By e	1620	2025	2530
water capacity	dm ³	70,0	70,0	80,0
Max working pressure of the heating medium	bar		1,5	
Max. heating water operating temperature	°C		90	