

# TEKLA®

## CLASSICO BIO

MODEL: 18, 24



**ECOBOILERS**  
teklakotly.pl

ECO design	5 class	5 years	8 mm	91 %	≤20 dusts
ECODESIGN 2020	ACC TO NORM EN 303-5:2012	GUARANTEE FOR THE EXCHANGER	EXCHANGER MADE OF STEEL	HEAT EFFICIENCY OF THE BOILER	REDUCED DUST EMISSION

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Steel automatic boiler  
with self-cleaning burner  
for pellets

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## Pellets



FUEL:



PELLETS

THE PHOTOS CONTAINED IN THE CATALOG ARE FOR INFORMATIONAL PURPOSES ONLY.  
THE PRESENTED MODEL OF THE BOILER CLASSICO BIO 18.

CLASSICO BIO is a steel automatic boiler equipped with a self-cleaning pellet burner. The boiler's heat exchanger is made of high quality 8 mm thick steel, and the specially designed combustion chamber ensures very high efficiency of up to 92%, which allows high fuel savings. The boiler meets the requirements of Class 5 and Ecodesign for devices of this type, which is confirmed by appropriate certificates. Reduced dust emissions qualify the boilers as equipment of a higher standard. In case of unavailability of pellets CLASSICO BIO can be converted to the CLASSICO model for burning wood and coal in a traditional way, maintaining all applicable regulations and standards related to the installation of equipment of this type.

## Boiler advantages:

- class 5 in performance and pollutants emission according to PN-EN 303-5:2012 standard
- complies with the requirements of Ecodesign
- 5-years warranty for boiler heat exchanger tightness
- efficiency up to 92%
- boiler with higher standard, dust emissions  $\leq 20 \text{ mg/m}^3$
- completely automatic operation of the boiler (automatic ignition and extinguishing of a burner)
- modular controller Estyma TOUCH
- high-quality 8 mm thick steel boiler heat exchanger
- small height of the boiler allowing installation in a low boiler room
- boiler housing and the hopper are entirely covered with powder paint
- threaded ferrules for easy installation
- high heat extraction from flue gas ducts
- the possibility of conversion to a boiler with manual loading for traditional combustion of wood and coal

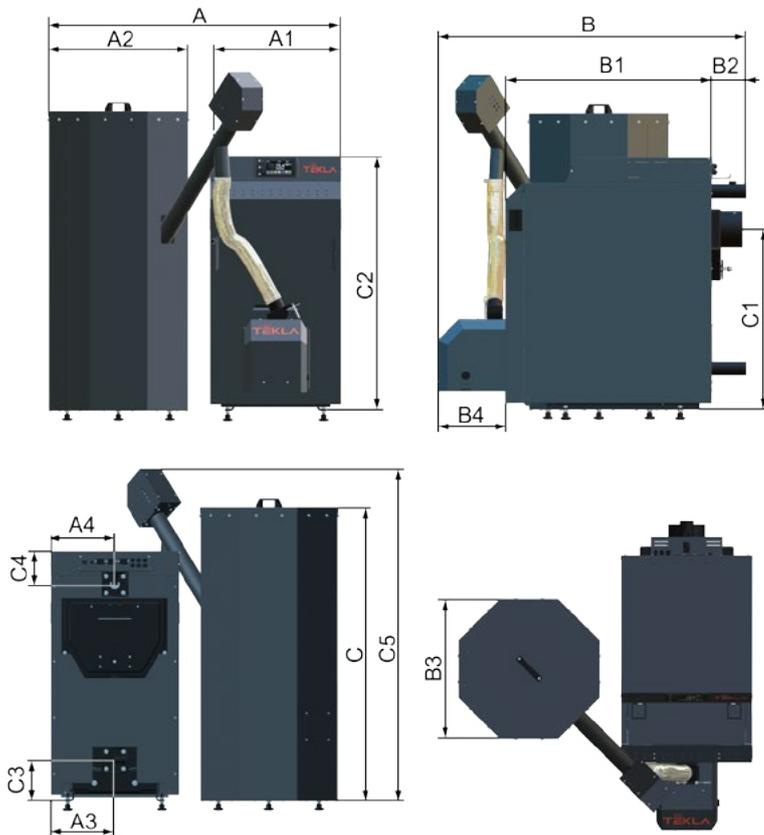


## TECHNICAL PARAMETERS

MODEL		-	<b>CLASSICO BIO 18</b>	<b>CLASSICO BIO 24</b>
NOMINAL POWER		kW	18	24
EFFICIENCY		%	91	92
DUST EMISSION		$\text{mg/m}^3$	16	19
EMISSION CLASS		-	5	5
ECODESIGN		-	YES	YES
ENERGY EFFICIENCY CLASS		-	A+	A+
WEIGHT (BOILER/TANK)		kg	420/34	470/34
WATER CAPACITY		$\text{dm}^3$	70	80
CHIMNEY DRAUGHT		Pa	10 ÷ 20	
MAX. WATER WORKING PRESSURE		bar	1,5	
DIAMETER OF CONNECTION STUBS		Js	G 2"	
DIMENSIONS OF THE BOILER WITH THE STORAGE BIN	WIDTH**	mm	1350	1350
	DEPTH	mm	1300	1350
	HEIGHT*	mm	1500	1500
DIAMETER OF FUMES OUTLET		mm	160	
HEIGHT TO THE AXIS OF THE FLUE*		mm	795	
STANDARD (OPTIONAL) HOPPER CAPACITY		$\text{dm}^3$	240 (340/500)	240 (340/500)
POWER CONSUMPTION MOTOREDUCTOR/BLOWER/IGNITER		W	50/45/300	50/45/300
PRICE NETTO		EUR	3 765,00	3 992,00

\* Boiler height can also be adjusted using the included foot.

\*\* The container is connected to the burner with a flexible tube - the width of the boiler depends on the type of the installed tank



	CLASSICO BIO 18	CLASSICO BIO 24
A	1350	1350
A1	570	570
A2	610	610
A3	285	285
A4	285	285
B	1300	1300
B1	805	905
B2	150	150
B3	610	610
B4	350	300
C	1340	1340
C1	795	795
C2	1110	1110
C3	182	182
C4	148	148
C5	1500	1500



CLASSICO BIO can be converted to the CLASSICO model for burning wood and coal in a traditional way, maintaining all the current regulations and standards related to the installation of equipment of this type

## CONTACT

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