

WOOD PELLET BOILER

EKO-CK P and EKO-CKB P Cm Pelet-set

14-90 kW

The steel hot water boilers *EKO-CK P*, with nominal heat outputs from 14 to 90 kW and *EKO-CKB P*, with nominal heat outputs from 14 to 40 kW, with the obligatory additional *Cm Pelet-set* unit are engineered for wood pellet firing. The additional special feature of the *EKO-CKB P* range is a stainless steel hot water heater inside the boiler. The boilers are engineered to meet heating demands from the smallest to the largest premises, as a main or as an alternative heat source. This product can be easily recognized by its modern design, by its synthesis of modern technologies and its quality of materials, as well as through its simple and easy assembly and its straightforward operation and control. The *Cm Pelet-set* and the boiler make up a single functional unit, a mini heating system for wood pellet firing. Automatic operation of these mini heating systems offers a high level of ease of use and makes these boiler units suitable for a wide range of users. From a functional point of view, they are as convenient to run as an oil or gas firing heating system, while the pellet fuel is at least 40% more cost efficient than an oil fired system.



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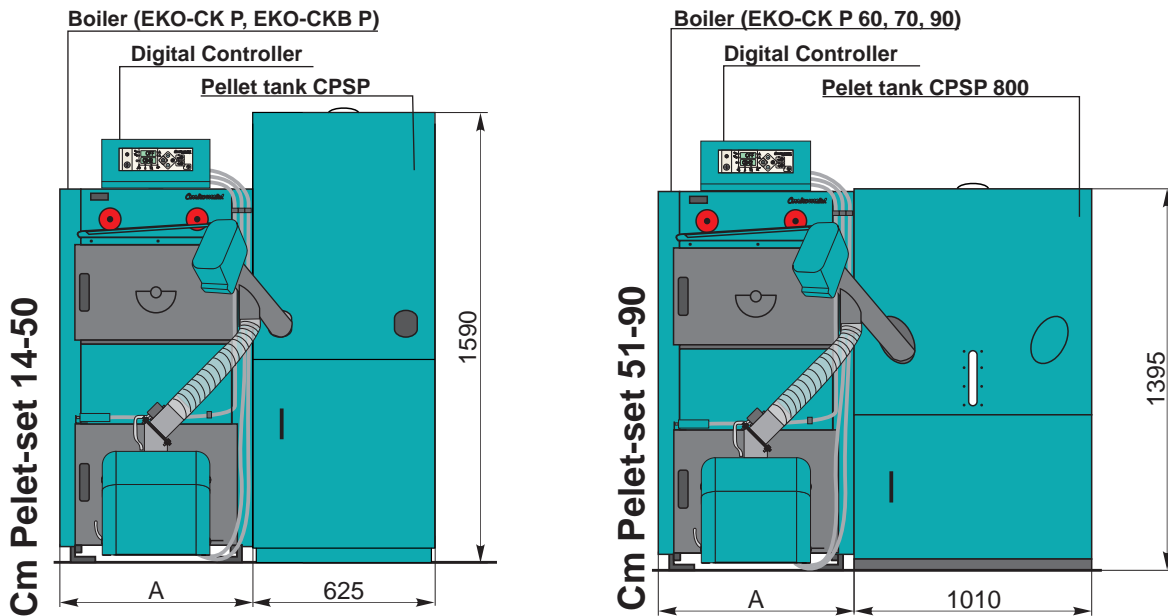
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- A carefully sized combustion chamber with triple pass flue gas flow and turbulators for better heat exchange assure the operating of the boiler with high efficiency rate. This makes it very "economical to use".
- The domestic hot water heater (EKO-CKB P) is made of a high quality stainless steel, assuring high hygienic standards. Its position inside the boiler ensures a supply of domestic hot water which is quickly available.
- The combustion chamber is made out of high quality 5 mm thick steel sheet.
- The big door enables easy cleaning and maintenance.
- The operation of the boiler and burner is automatically adjusted by the digital boiler controller, which automatically activates and deactivates the system and safely maintains temperatures at the desired level.
- The pellet tank (ca. 370/800 lit.) is a part of the unit and can be loaded from the top.

OSNOVNE DIMENZIJE



EKO-CK P+Cm Pelet-set 14	20	25	30	35	40	50	60	70	90	
EKO-CKB P+Cm Pelet-set 14	20	25	30	35	40	--	--	--	--	
Pellet burner type	CPPL-14	CPPL-35	CPPL-35	CPPL-35	CPPL-35	CPPL-50	CPPL-50	CPPL-90	CPPL-90	CPPL-90
Pellet-set thermal output (set + boiler) (kW)	14	20	25	30	35	40	50	60	70	90
Boiler type - EKO-CK P	20	25	30	35	40	50	60	70	90	110
Boiler type - EKO-CKB P	20	25	30	35	40	50	-	-	-	-
Pellet tank volume CPSP (lit.)	370	370	370	370	370	370	370	-	-	-
Pellet tank volume CPSP-800 (lit.)	800	800	800	800	800	800	800	800	800	800
Supply voltage (V/Hz)	230/50									
Boiler width A (mm)	470	470	520	570	620	620	620	640	690	690
Lower boiler door for pellet burner	CPDV	CPDV	CPDV	CPDV	CPDV	CPDV	CPDV	CPDV	CPDV	CPDV
	14-25	14-25	30	35	40-50	40-50	60-70	60-70	90-110	90-110
Flue gas tube diameter* / high (mm)	150/930	150/930	160/930	160/930	180/930	180/930	180/1025	200/1085	200/1085	200/1085

* - chimney inside diameter has to be determined according to the boiler rated thermal output, height of the chimney and almost always it has to be bigger than the flue gas exhaust tube diameter.

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