Centrometal
HEATING TECHNIQUE

PelTec-Compact

HIGH EFFICIENCY COMPACT WOOD PELLET BOILER

PelTec-Compact steel hot water boiler is intended for burning with wood pellets. The boiler has the function of automatic self-cleaning of flue passages and burner grate which ensures reliable operation even with pellets of poorer quality. The built-in lambda probe with modulating fan enables optimal combustion and a high level of utilization of the boiler. Multifunctional digital boiler regulation with a 7'' touch screen enables the management of one heating circuit with a mixing valve depending on the external temperature and the heating of sanitary water. Simple and quick installation of the boiler is made possible by the built-in hydraulic crossover with return line protection. Compact dimensions and built-in equipment in the boiler, such as a vacuum turbine, ensure ease of installation and enviable comfort of pellet heating.

PRODUCT CHARACTERISTICS

COMPACT DESIGN

The boiler takes up very little space in the room.

INTERACTION

Large 7'' touch screen with a WiFi chip.

EQUIPMENT

In built lambda probe, hydraulic crossover, safety elements, return water protection, expansion vessel and vacuum turbine.

„GREEN“ BOILER

Low flue gas emissions controlled by a lambda probe.

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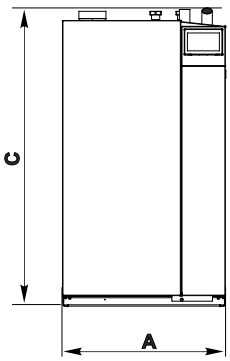
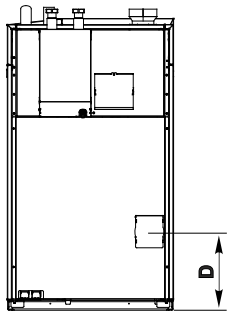
INTERNET MONITORING AND MANAGEMENT OF THE BOILER

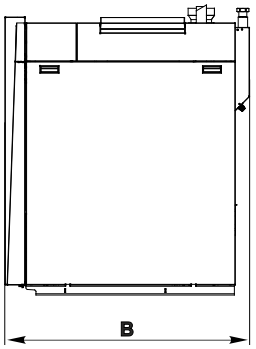
- Access to the boiler by smartphone, tablet or computer. Reading values through intuitive graphical interface.
- Temperature control, online option turning on/off the boiler and changing parameters.
- Connecting to the home WiFi network.
- Temperature history, error messages, warnings.
- Detailed statistics of boiler operation.



Multifunctional digital controller with a 7" touch screen

Section of the boiler





TECHNICAL CHARACTERISTICS

PelTec-Compact		12	18	24
Useful heat output at rated heat output	(kW)	12	18	24
Heat output range	(kW)	3,6-12	5,4-18	7,2-24
Flue gas tube - external diameter	Ø(mm)	100	130	130
Boiler connections - Main/return flow	(R)	6/4"	6/4"	6/4"
Boiler connections - Emptying	(R)	1/2"	1/2"	1/2"
Max. operating temperature	(°C)	90	90	90
Water amount in boiler	(l)	61	91	91
Max. operating overpressure	(bar)	3	3	3
Pellet tank volume	(l)	47,7	47,7	47,7
Width (A)	(mm)	680	780	780
Lenght (B)	(mm)	1135	1205	1205
Height (C)	(mm)	1430	1430	1430
Behind the lid is the fresh air inlet tube (D)	(mm)	368	368	368
Total mass	(kg)	380	440	440
Energy efficiency class		A^+	A^+	A^+

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