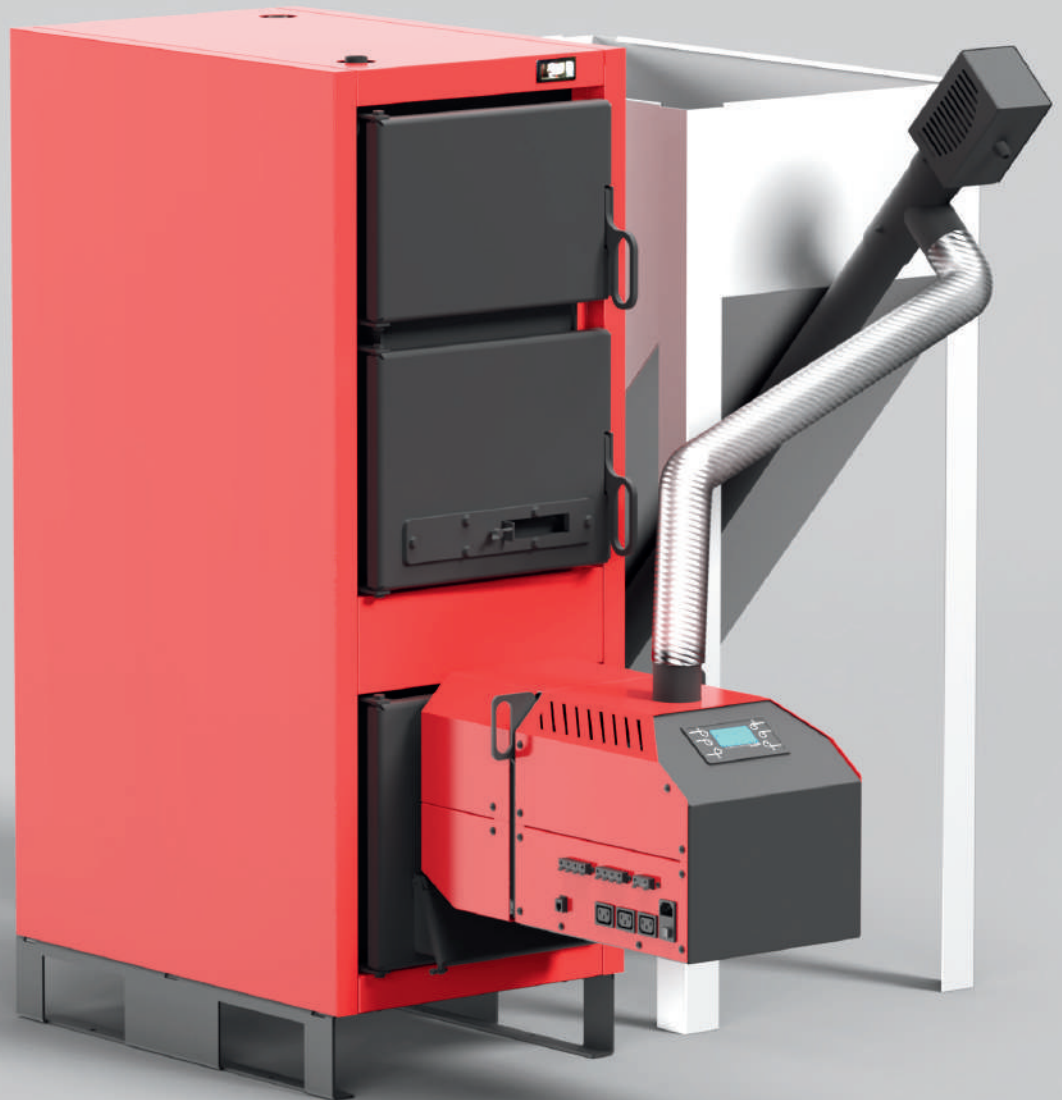


- A⁺ 25 KW / 715 M³
- A⁺ 30 KW / 860 M³
- A⁺ 35 KW / 1000 M³
- A⁺ 40 KW / 1145 M³
- A⁺ 50 KW / 1430 M³

EN 303-5 / BlmSchV 2
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Mareli Systems
STEP FORWARD



LC COMBI

SOLID FUEL AND PELLET BOILER

The LC COMBI solid fuel boiler is one of the most cost-effective heating solutions for both residential and commercial use. Durable, reliable, and economical, it delivers outstanding value for money. Available in five power capacities, this model is designed to be integrated with any of the high-tech pellet burners in the Mareli Systems product portfolio.

This allows users to enhance the boiler's autonomy while utilizing a renewable energy source like pellets.

MAIN FEATURES

🔥 Large fuel loading chamber

It allows burning of firewood up to a length of 56 cm.

🔥 Optimised smoke extraction system

It allows fast and efficient flue gas removal while ensuring maximum heat transfer and minimum heat loss.

🔥 Compact design

The optimised internal space ensures reduced boiler dimensions, making it suitable for any type of service room.

🔥 High water capacity

The large water capacity of the water jacket ensures sufficient power is supplied to the hydronic heating system.

🔥 Easy regulation of primary and secondary air

Through the air vents available in the front of the boiler, adjusting the primary and secondary air in the system is easy and intuitive for the user.

PELLET BURNER



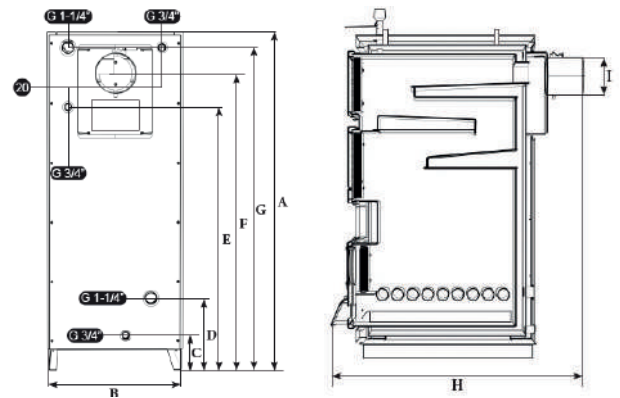
LC COMBI is equipped with an external pellet burner, a pellet feeding motor and a pellet bunker.

🔥 Intelligent management system with automatic power regulation depending on the demand of the installation.

🔥 The integrated controller can manage several pump/valve units as well as temperature sensors giving the client has maximum flexibility.

🔥 Automatic cleaning mechanism

DIMENSIONS



KW/ MM	B	H	A	C	D	E	F	G	I
25	465	969	1294	160	300	864	1125	1235	Ø149
30	510	969	1294	160	300	1014	1140	1235	Ø149
35	560	969	1294	160	300	1014	1140	1235	Ø149
40	610	969	1264	160	300	1014	1115	1235	Ø179
50	610	1044	1294	160	300	1014	1115	1235	Ø179



CERTIFICATION*



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*In a combination with Mareli Systems SM8 50 Rotary pellet burner

TECHNICAL DATA

		25	30	35	40	50
Nominal heat output	kW	25	30	35	40	50
Weight	kg	262	280	301	321	350
Necessary chimney draft	mbar	20	21	22	23	25
Maximum water temperature	°C	90				
Maximum working pressure	bar	2.5				
Volume of the water jacket	L	93	98	104	109	120
Combustion chamber volume	m ³	73	87	97	108	124
Maximum wood length	mm	500	500	500	500	550
Recommended chimney diameter	mm	200				
Recommended chimney height	m	7-8	7-8	8-9	9-10	10-12



* The specified heated volumes m³ are indicative.