

● Cast Iron Sectional

● Solid Fuel Boiler



- Cast iron sectional design for Wood logs, Hard coal and Coke firing
- 6 models with heating powers
- High corrosion resistance and long life thanks to flexible casting technology
- Primary and secondary air control
- High water efficiencies up to 75%
- Optional safety heat exchanger against excessive temperatures

Combustion control with;

- Thermo-regulator (natural draught)
- Pellet burner mounting capability
- Energy saving
- Manual ash-shaker



ISO 9001



Pellet braking capability

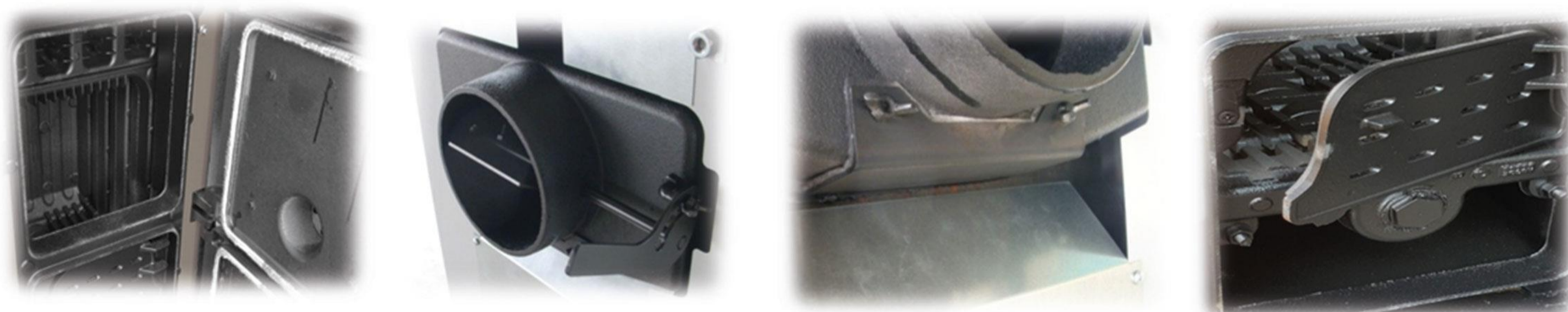
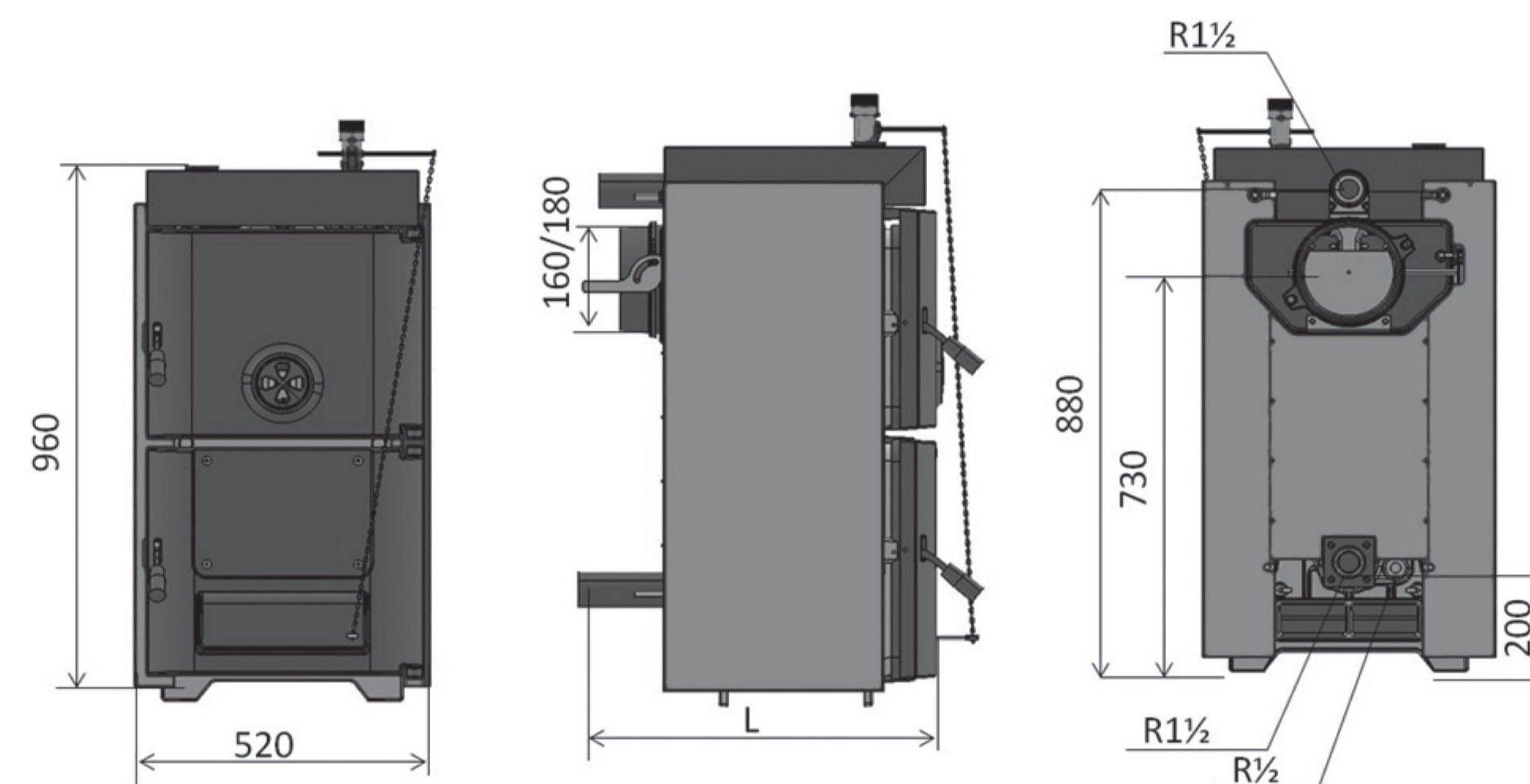
Sfr solid fuel boilers have a larger capacity than that of the class of ash door in the front section, so that the pellet boiler can be installed at the end. It can be turned into a solid solid fuel boiler when requested.

Long life

Thanks to its cast iron body design with flexible casting technology, your boiler is quite resistant to corrosion that could be caused by low return water and flue gas temperatures respectively, and high water content of the fuel being charged.

Bigger combustion chamber with compact external design

We created a new design to obtain a bigger combustion chamber and extra heating surface compared with our competitors. As a result, SFR will give higher loading and heating capacity among similar products in the market.



BOILER TYPE		SFR-3	SFR-4	SFR-5	SFR-6	SFR-7	SFR-8
Number of sections		3	4	5	6	7	8
Fuel types		Wood, Coal					
Nominal Heat Output (Hard Coal)	kW	14 - 17	20 - 27	27 - 34	33 - 41	38 - 46	42 - 51
Nominal Heat Output (Hard Wood)	kW	12 - 14	18 - 20	25 - 27	30 - 33	34 - 38	39 - 42
Weight	kg	200	235	371	308	345	381
Water content	lt	22	28	34	40	46	52
Fuel loading volume	dm ³	20	28	36	45	53	62
Combustion chamber	dm ³	30	42	55	68	81	94
Heating water max. temperature	°C	90					
Heating water min. temperature	°C	30					
Burning time for nominal output (Coal)	hour	4 - 6 hours					
Burning time for nominal output (Wood)	hour	2 - 4 hours					
Max. Fuel loading height	mm	280					
Max. Operating temperature	°C	100					
Max. Operating pressure	bar	3					
H	mm	960					
A	mm	520					
L	mm	600	700	800	900	1000	1100
Chimney diameter	mm	160					