

● Cast Iron Sectional ● Solid Fuel Boiler



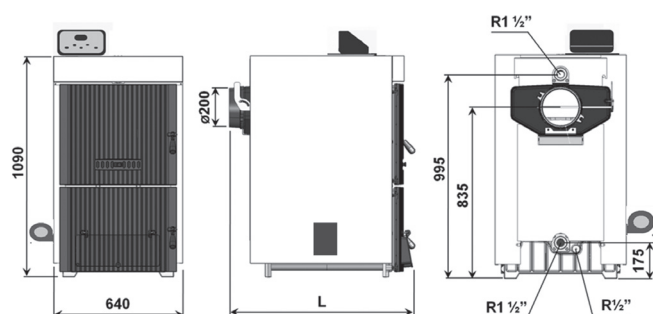
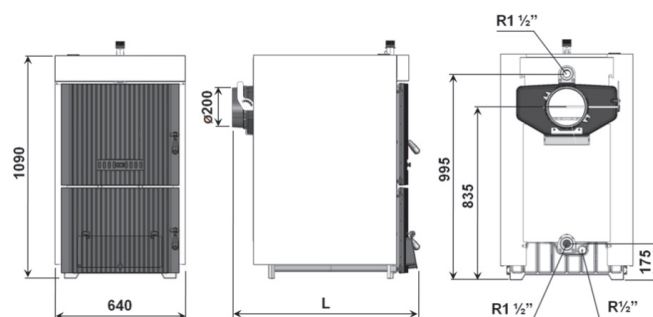
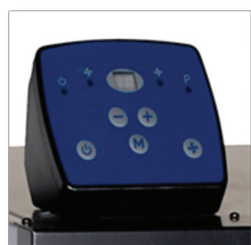
- Cast iron sectional design for Wood logs, Hard coal and Coke firing
- 6 models with heating powers
- High corrosion resistance and long life thanks to flexible casting technology
- Primary and secondary air control
- High water efficiencies up to 75%
- Optional safety heat exchanger against excessive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

Combustion control with;

- Thermo-regulator (natural draught)
- Electronic board (fan assisted)
- Safety features
- Energy saving
- Manual ash-shaker



CE 1783
ISO 9001



High technology with MULTI SECONDARY AIR
(Designed and Patented by ADARAD)

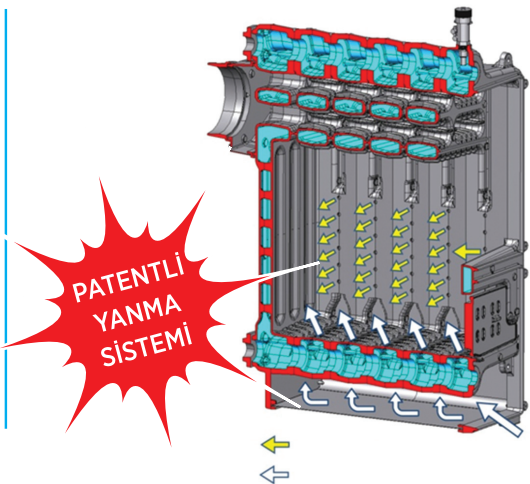
MAXITECH is a cast iron sectional boiler for solid fuel firing which is constructed new patent Secondary Air system principle. It is designed for high secondary air, optimum firing, high efficiency and low flue gas emissions.

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 , MAXITECH will give higher loading and heating capacity among similar products in the market.



BOILER TYPE		MX 5	MX 6	MX 7	MX 8	MX 9	MX 10
Number of sections		5	6	7	8	9	10
Fuel types		Wood, Hard Coal					
Nominal Heat Output (Hard Coal)	kW	50-52	60-62	69-71	78-80	86-88	94-96
Nominal Heat Output (Wood)	kW	46-48	56-58	65-67	74-76	82-84	90-92
Net weight	kg	365	410	457	504	551	596
Water content	lt	52	61	70	79	88	97
Fuel loading volume	dm³	64	79	94	109	124	140
Combustion chamber (460mm x 520mm x L)	dm³	110	136	163	189	215	242
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	300					
Max. Operating temperature	°C	100					
Max. Operating pressure	bar	3					
H	mm	1090					
A	mm	640					
L	mm	790	900	1010	1120	1230	1340
Chimney diameter Ø	mm	200					

BOILER TYPE		MX 5F	MX 6F	MX 7F	MX 8F	MX 9F	MX 10F
Number of sections		5	6	7	8	9	10
Fuel types		Wood, Hard Coal					
Nominal Heat Output (Hard Coal)	kW	59-61	69-71	79-81	88-90	96-98	104-106
Nominal Heat Output (Wood)	kW	55-57	65-67	75-79	84-86	92-94	100-102
Net weight	kg	357	400	444	489	533	576
Water content	lt	52	62	70	79	88	97
Fuel loading volume	dm³	64	79	94	109	124	140
Combustion chamber (460mm x 520mm x L)	dm³	110	136	163	189	215	242
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	300					
Max. Operating temperature	°C	100					
Max. Operating pressure	bar	3					
H	mm	1090					
A	mm	640					
L	mm	790	900	1010	1120	1230	1340
Chimney diameter Ø	mm	200					