

High Capacity
Cast Iron Sectional
Solid Fuel Boiler

MAXITECH

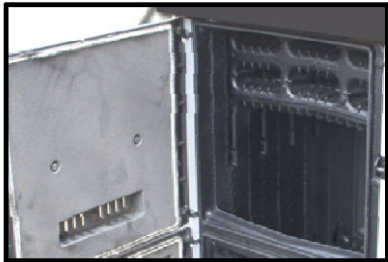
"Maximum Technology"



ISO 9001



**PATENTED
ISO 9001 SECONDARY
AIR SYSTEM**

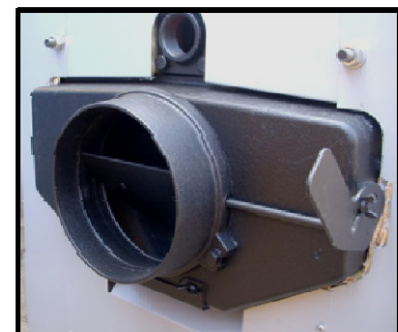


UPPER FRONT DOOR and PASSES



LOWER FRONT DOOR and FIRE DOOR

- ▶ 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
- ▶ Multi Secondary Air System
- ▶ Primary and secondary air control
- ▶ High water efficiencies up to 75%
- ▶ Optional safety heat exchanger against excessive temperatures
- ▶ Combustion control with;
SMOKEHOOD and ADJUSTABLE DAMPER
 - ▶ Thermo-regulator (natural draught)
 - ▶ Energy saving
 - ▶ Manual ash-shaker



SMOKEHOOD and ADJUSTABLE DAMPER



SMOKEHOOD CLEAN COVER

► **High technology with MULTI SECONDARY AIR SYSTEM**

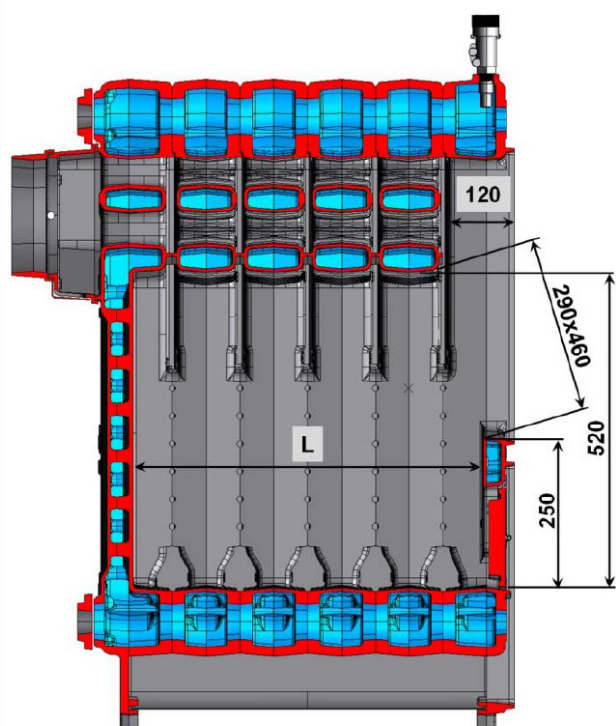
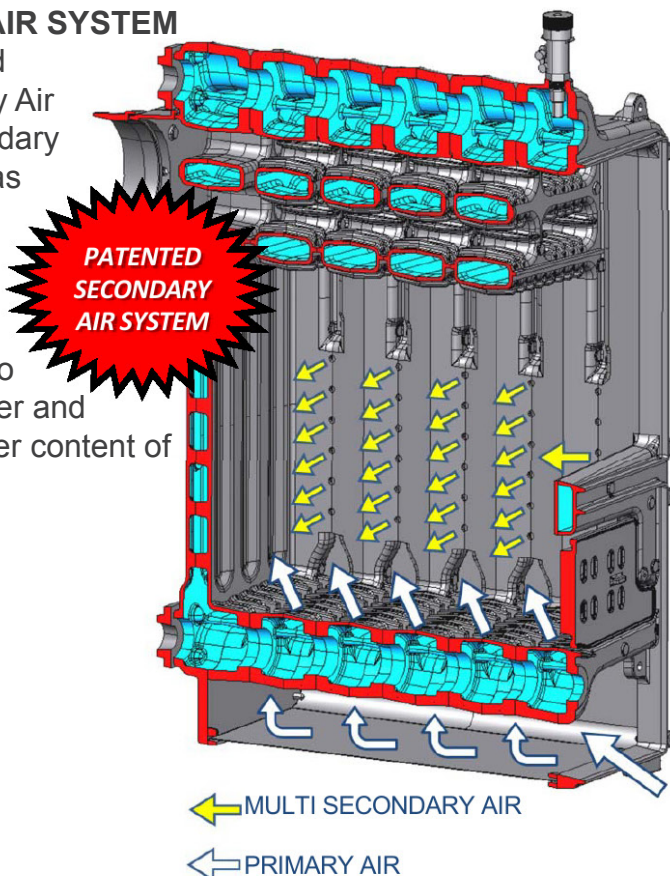
MAXITECH is a cast iron sectional boiler for solid fuel firing which is constructed in Multi Secondary Air circulation principle. It is designed for high secondary air, optimum firing, high efficiency and low flue gas emissions.

► **Long life**

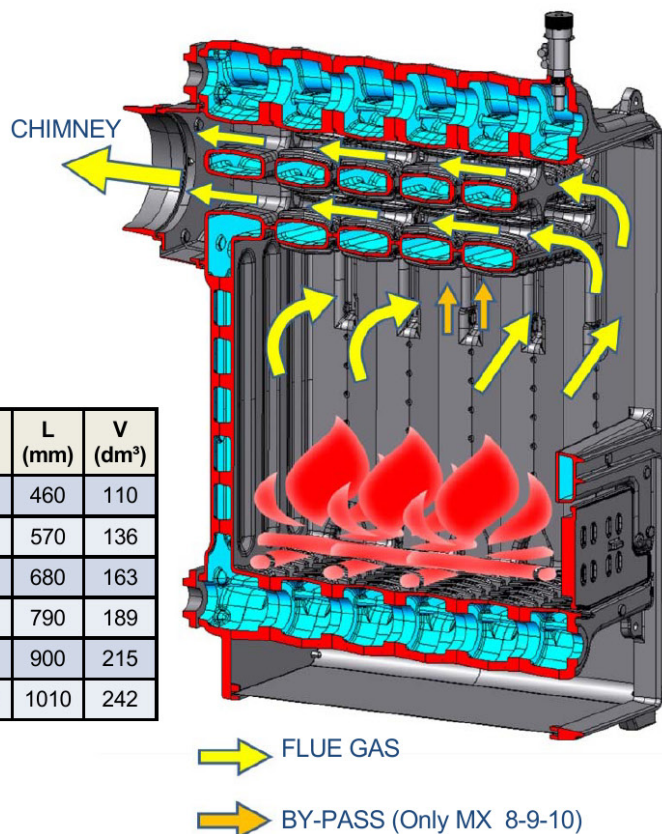
Thanks to its cast iron body design with flexible casting technology, your boiler is quite resistant to corrosion that could be caused by low return water and flue gas temperatures respectively, and high water content of the fuel being charged.

► **Bigger combustion chamber with compact external design**

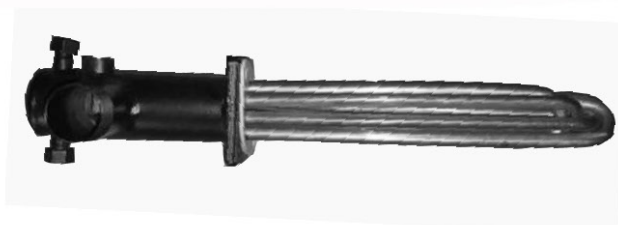
We created a new design to obtain a bigger combustion chamber and extra heating surface compared with our competitors. As a result , MAXITECH will give higher loading and heating capacity among similar products in the market.

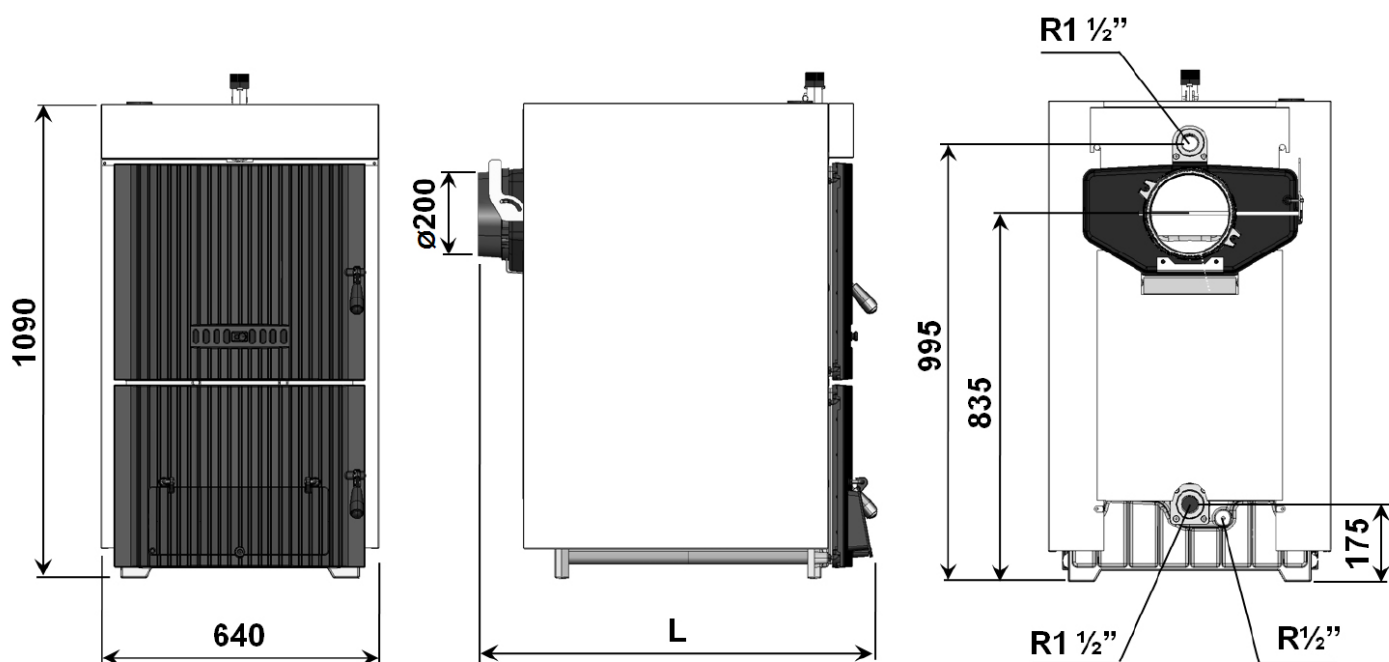


TYPE	L (mm)	V (dm³)
MX 5	460	110
MX 6	570	136
MX 7	680	163
MX 8	790	189
MX 9	900	215
MX 10	1010	242



► Suitable for open vented hydraulic systems or pressurized systems when used with optional safety exchanger





		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 with Fan)	kW	46-50	56-60	66-70	76-80	86-90	96-100
Nominal Heat Output (Hard Coal)	kW	42-46	52-56	61-65	70-74	78-82	86-90
Nominal Heat Output (Wood)	kW	35-38	43-47	51-55	59-63	67-71	75-79
Net weight	kg	370	420	470	530	590	650
Water content	lt	52	62	72	82	92	102
Fuel loading volume	dm ³	73	91	109	126	143	161
Combustion chamber (460mm x 520mm x L)	dm ³	110	136	163	189	215	242
Heating water max. temperature	°C	90					
Heating water min. temperature	°C	50					
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					