

S.MAX Series Solid Fuel Boiler

rima[®]
warmth of life

38 - 95 kW



- Seven output range 4 to 10 sections
- High efficiency
- Suitable for safety heat exchanger use
- Large combustion chamber
- Compatible with fan controlled operation
- Easy to use & maintenance
- Extra door for heat exchanger cleaning



Önmetal

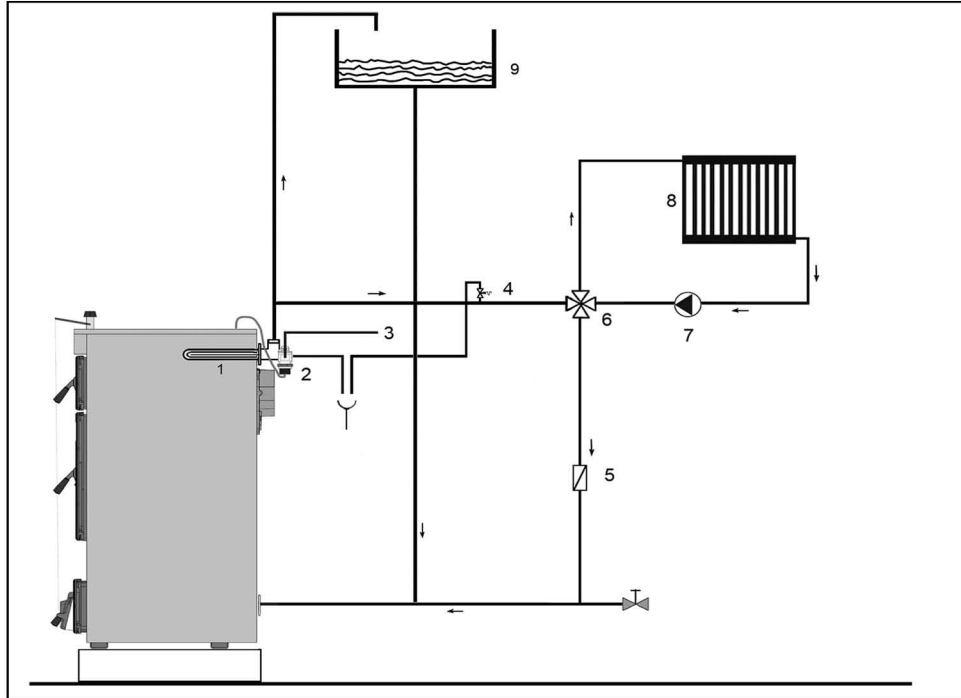


Technical Data

Series Name		S.MAX-04	S.MAX-05	S.MAX-06	S.MAX-07	S.MAX-08	S.MAX-09	S.MAX-10
Number Of Elements	Pcs.	4	5	6	7	8	9	10
Nominal Heat Output (Black Coal -Walnut)	kW	35-38	44-48	54-58	63-67	74-77	83-86	91-95
Nominal Heat Output (Hardwood-Split Logs)	kW	29-33	36-40	43-47	50-54	56-61	64-68	72-75
Heating Water Maximum Temperature	°C	90						
Heating Return Water Minimum Temperature	°C	50						
Burning Time For Nominal Output(B.Coal)	hr	>4						
Burning Time For Nominal Output(H .Wood)	hr	>2						
Range Of Temperature Control	°C	30-90						
Maximum Pressure of System	bar	4						
Minimum Pressure of System	bar	0,4						
Boiler Water Content	L	28,9	34,6	40,3	46	51,7	57,4	63,1
	m ³	0,0289	0,0346	0,0403	0,046	0,0517	0,0574	0,0631
Exit Flue Connection Diameter	mm	150		180			200	
Combustion Chamber Dimensions (W x H)	mm	390 x 654						
Combustion Chamber Dimensions (L)	mm	335	435	535	635	735	835	935
Water Inlet- Outlet Connection	(")	G 2 "						
Safety Valve Connection	(")	G 1/2 "						
Minimum Chimney Depression	mbar	0,14	0,18	0,22	0,26	0,3	0,34	0,38
Boiler Dimensions (W x H)	mm	580 x 1466						
	(L)	673	773	873	973	1073	1173	1273
Safety Valve Temperature Limit	°C	95						
Boiler Category (according to EN 303-5)	Class	1						
Exit Flue Gas Temperature	°C	220-280						
Maximum Noise Level acc. to Valid Norms	dB	60 (A)						
Boiler Net Weight	kg	308	354	400	446	492	540	587

General Features

- . Seven output range 38 to 95 kW
- . Cast iron parts produced with flexible casting technique
- . 3 years producer warranty for cast iron parts
- . Big cast iron combustion chamber provides balanced combustion with low gas exhaust emission
- . 80 mm glasswool insulation on the cast iron boiler body
- . Easy to install , use and maintenance
- . Reliable control and safety components



Temperature Safety Valve :

1. Safety Heat Exchanger (SHT)
2. Safety Valve (TS 131)
3. Water Supply
4. System Safety Valve (3 bar - 1/2")
5. Check Valve
6. Four Way Mixing Valve
7. System Pump
8. Heating System
9. Open Expansion Tank



Önmetal Döküm San. ve Tic. Ltd. Şti.

İkitelli Organize Sanayi Bölgesi
Atatürk Bulvarı 17. Cad. No: 5
PK: 34306 Başakşehir
İstanbul / TÜRKİYE

T: +90 212 485 4874 | pbx

F: +90 212 485 4873

www.rima.com.tr

www.onmetal.com.tr