



KY SERIES SOLID FUEL BOILER



✓ Available in 7 models; 3 to 10 sections

✓ Use with wood and coal

✓ Casing insulation with 80 mm thick glass wool mattress

✓ Thermostatic air control

✓ Spacious combustion chamber with large opening for easy fuel loading

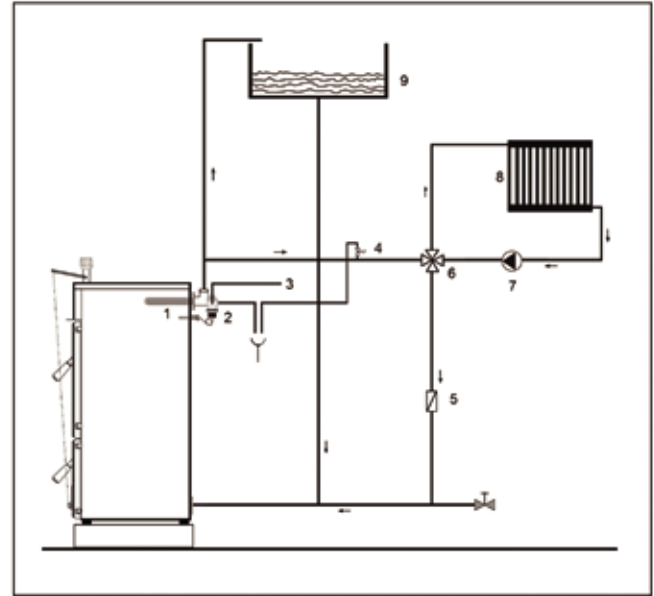
✓ High combustion performance

✓ Easy draught control with chimney flap

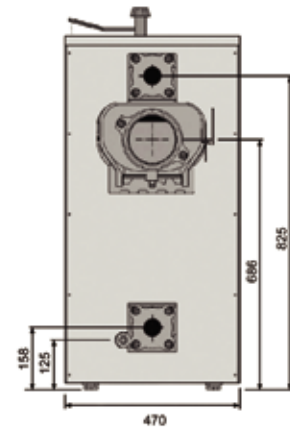
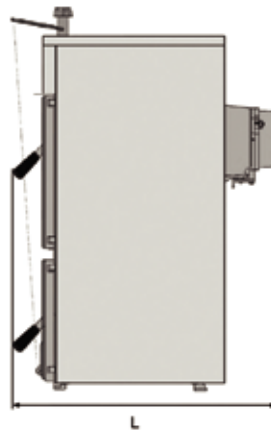
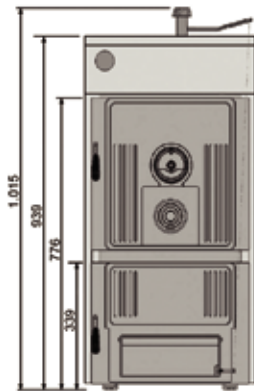
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Technical Data

Series Name		KY-03	KY-04	KY-05	KY-06	KY-07	KY-08	KY-10
Number Of Elements	Pcs.	3	4	5	6	7	8	10
Nominal Heat Output (Black Coal -Walnut)	kW	15,0	21,0	26,5	32,5	37,0	41,0	50,0
	kCal/h	12.900	18.000	22.790	27.960	31.820	35.260	43.000
Nominal Heat Output (Hardwood Split Logs)	kW	14,0	18,5	24,0	29,0	33,0	37,0	46,0
	kCal/h	12.040	15.910	20.640	24.940	28.380	31.820	39.560
Nominal Heat Input	kW	19,0	26,6	33,5	41,1	46,8	51,9	63,3
Minimum Heat Output	kW	7,6	10,6	13,4	16,4	18,7	20,7	25,3
Heating Water Maximum Temp.	°C	90						
Heating Return Water Minimum Temp.	°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	13,56	17,01	20,46	23,91	27,36	30,81	37,71
	m³	0,01356	0,01701	0,02046	0,02391	0,02736	0,03081	0,03771
Exit Flue Connection Diameter	mm	150					180	
Combustion Chamber Dimensions(W x H)	mm	314 x 395						
Combustion Chamber Dimensions(L)	mm	265	365	465	565	665	765	965
Water Inlet- Outlet Connection	(")	G 2 "						
Inlet-Outlet Safety Cooling Loop Connection	(")	G 3/4 "						
Minimum Chimney Depression	mbar	0,12	0,14	0,17	0,2	0,22	0,25	0,3
Gas Volume Of the Boiler	dm³	41,27	55,16	69,05	82,94	96,83	110,73	138,51
	m³	0,041	0,055	0,069	0,083	0,097	0,111	0,139
Gas Volume Of the Combustion Chamber	dm³	32,86	45,27	57,67	70,07	82,47	94,88	119,68
	m³	0,033	0,045	0,058	0,070	0,082	0,095	0,120
Safety Valve Temperature Limit	°C	95						
Boiler Category (according to EN 303-5)	Class	1						
Exit Flue Gas Temperature (Full Load)	°C	215-260			190-225			
Exit Flue Gas Temperature (Part Load)	°C	165-190			155-175			
Maximum Noise Level acc. to Valid Norms	dB	45-60 (A)						
Dry Weight	kg	227	265	308	345	379	417	500



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



Rima Heating Systems, cast iron industry in Turkey with over 50 years of experience in the Foundry Industry Önmetal is a commercial organization and a registered trademark. In our product range; Floor and Wall Standing Condensing boilers with heat exchangers produced by our own patent and atmospheric boilers, solid fuel boilers, The head office is located in İstanbul Organized Industrial Zone and the main factory is located in Edirne. It has a high production capacity in its modern production facilities in a closed area of 10.000 m2 with a continuous investment in new machinery and automation.



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