



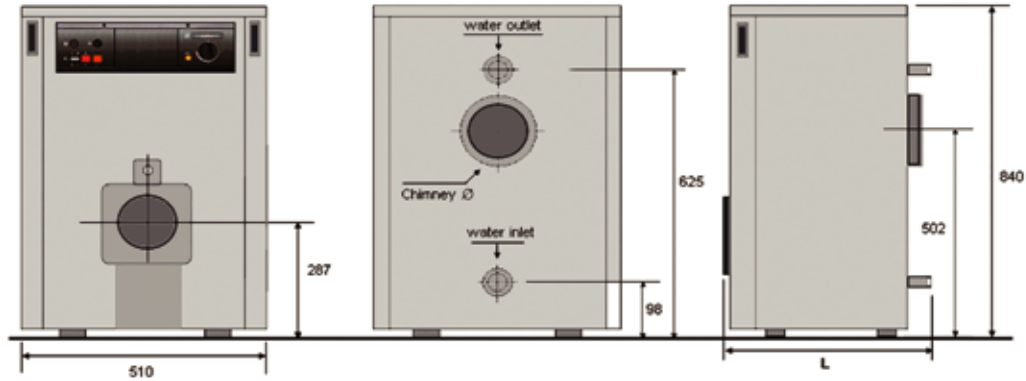
D SERIES OIL-GAS FIRED BOILER



- ✓ Available in 6 models; 3 to 8 sections
- ✓ Use with oil and natural gas
- ✓ High efficiency 3 pass design
- ✓ Casing insulation with 80 mm thick glass wool mattress
- ✓ Spacious combustion chamber with two side opening burner door (left and right)
- ✓ High combustion performance with low exhaust emission

Technical Data

Series Name		D - 03	D - 04	D - 05	D - 06	D - 07	D - 08
Number Of Elements	Pcs.	3	4	5	6	7	8
Nominal Heat Output	kW	29,1	39,0	48,8	58,7	68,6	78,5
	kCal/h	25.000	33.500	42.000	50.500	59.000	67.500
Nominal Heat Input	kW	32	42	54	64	75	85
Maximum Operating Temperature	°C	90					
Range Of Temperature Control	°C	30-90					
Gas Side Resistance	mbar	0,31 - 0,46	0,42 - 0,59	0,61 - 0,89	0,84 - 1,25	1,02 - 1,37	1,19 - 1,56
Maximum Operating Pressure	bar	4					
Boiler Water Content	L	13,74	17,38	21,02	24,66	28,3	31,94
	m ³	0,01374	0,01738	0,02102	0,02466	0,0283	0,03194
Exit Flue Connection Diameter	mm	130			150		
Combustion Chamber Dimensions [Φ]	mm	290					
	[L]	mm	280	380	480	580	680
Water Inlet- Outlet Connection	(")	G 1 1/4 "					
Gas Volume of the Boiler	L	24,20	33,40	42,60	51,80	61,00	70,20
	m ³	0,024	0,033	0,043	0,052	0,061	0,070
Gas Volume of the Combustion Chamber	L	16,94	23,38	29,82	36,26	42,7	49,14
	m ³	0,017	0,023	0,030	0,036	0,043	0,049
Safety Temperature Limit	°C	100					
Fuel Type	N. Gas	L ₂ H					
	Liquid F.	Extra Light Heat Oil					
Country of Destination		AT, CZ, DK, EE, ES, FI, GB, GR, IE, IT, LT, LV, PT, SE, SI, SK, TR					
Flue Gas Temperature [Full Load]	°C	181 - 187	175 - 185	170 - 182	169 - 181	167 - 180	163 - 176
	[Partial Load]	°C	160 - 163	157 - 160	155 - 157	152 - 155	146 - 150
Flue Gas Mass Flow [Full Load]	kg/h	49	65	82	98	115	131
	[Partial Load]	kg/h	29	39	49	59	68
Boiler Dimensions [Width x Height]	mm	510 x 840					
	[Length]	mm	540	640	740	840	940
Standby Loss	%	0,25	0,23	0,20	0,17	0,15	0,13
	kCal/h	678	835	907	926	956	948
Burner Hole Diameter	mm	105					
Burner Type		Short Barrel					
Boiler Net Weight	kg	148	175	202	229	256	283



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.

rima

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