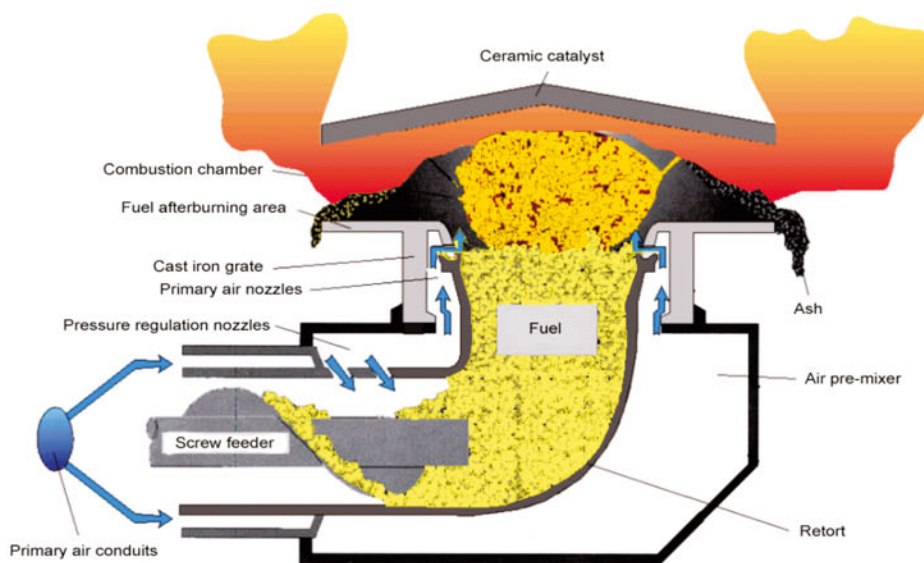


TECHNICAL DATA OF BOILERS KL 15/25/35/50/75

Parameter	SI	HARD COAL					PELLETS				
		KL 15	KL 25	KL 35	KL 50	KL 75	KL 15	KL 25	KL 35	KL 50	KL 75
Boiler's type		KL 15	KL 25	KL 35	KL 50	KL 75	KL 15	KL 25	KL 35	KL 50	KL 75
Nominal output	kW	15	25	35	50	75	13	22	31	44	66
Power adjustment range	kW	6-15	10-25	13-35	16-50	24-75	3,2-13	2,7-22	9-31	14-44	21-66
Efficiency	%	do 83,6					do 81,4				
Time of automatic operation.	h,min	28,45	24,30	17,3/30,3	21,20	16,40	20,45	17,15	12,2/21,3	14,20	11,50
Flue gas temperature	°C	120-250					110-210				
Fuel consumption	kg/h	1,18-3,06	1,96-5,1	2,74-7,14	3,49-10,18	5,15-15,10	0,42-3,3	0,7-5,5	0,98-7,7	2,75-11,7	2,17-17,4

THERMAL PARAMETERS AND DIMENSIONS OF BOILERS KL 15/25/35/50/75

Parameter	SI	KL 15	KL 25	KL 35	KL 50	KL 75
Weight	kg	340	380	410	480	580
Water capacity	dm ³	60	85	100	130	175
Smoke conduit's diameter	mm	145				
Area of convection heat exchange	m ²	1,8	2,7	3,4	5,0	7,6
Fuel hopper's capacity	dm ³	140	160	60 or 280	280	280
Dimensions: width .x length x height	mm	1270 x 880 x 1320	1270 x 880 x 1430	1270 x 880 x 1480	1400 x 880 x 1540	1400 x 880 x 1610
Maximal working water pressure	bar	max. 2,0				
Recommened heating water temperature	°C	65-80				
Recommened min. return water temperature	°C	60				
Boiler's hydraulic loss dT=10K (dT=20K)	mbar	2,7(1,2)	3,3(1,5)	4,1(1,9)	5,1(2,4)	6,3(3,1)
Noise level	dB(A)	below 65				
Required chimney draught	mbar	0,1-0,2				
Boiler's connector pipes diameter - water	Js	1,5" / 1,5"				
Power supply		~230 V, 50 Hz				
Power consumption (fan + motor)	W	230	230	260	260	260
Electrical insulation class		IP20				



RECOMMENDED FUEL

Fuel	type	granulation, mm	calorific value, MJ/kg
Hard coal	Grains	φ 5-25	21-30
Biomass	Pellets	φ 8-20	15-18

■ The producer grants guarantee for all boiler's construction elements and heat exchanger's tightness. Guarantee period last 24 months from the date of first boiler's start-up but no longer than 30 months from the date of boiler's sale.



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