

Model		KAPPA							
Types		KP 3	KP 4	KP 5	KP 6	KP 7	KP 8	KP 9	KP 10
			KP 4F	KP 5F	KP 6F	KP 7F	KP 8F	KP 9F	KP 10F
Description of boiler		Manually stocked, cast iron sectional boilers, for solid fuels in 2pass flue circulation principle							
Number of sections	pcs.	3	4	5	6	7	8	9	10
Output range	(Coal) kW	15-18	22-26	28-32	34-38	40-46	48-54	56-62	64-70
	(Wood) kW	12-14	18-22	24-28	30-34	36-42	44-48	50-56	58-64
	(Pellet) kW		24	32	38	45			
Water Content	lt	22	27,5	33,5	39,5	45,5	51,5	57,5	63,5
Net weight	kg	178	206	238	270	302	334	366	398
Combustion chamber dimensions									
	Height	425							
	Width	315							
	Depth	200	300	400	500	600	700	800	900
	Volume	34,9	52,4	69,8	87,3	104,8	122,2	139,7	157,1
Required draft at chimney	Pa	18-24		20-28		24-32		32-40	
	mbar	0,18-0,24		0,20-0,28		0,24-0,32		0,32-0,40	
Fuel loading clearance (upper door)	mmxmm	330 x 324							
Max. Fuel loading height (for log wood)	mm	375							
Max. Logwood length	mm	200	300	400	500	600	700	800	900
Temperature control range	°C	50 - 90							
Maximum operating temperature	°C	100							
Maximum operating pressure	bar	4							
Water flow/return connections (D)	G	1 ½"							
Filling / draining connection	G	½"							
External dimensions	L	525	625	725	825	925	1025	1125	1225
	L1	380	480	580	680	780	880	980	1080
	Flue outlet diameter (D)	160						175	

Fuel type		Wood logs							
Maximum fuel charge	kg	10	14	18	22	26	30	34	38
Requested fuel parameters		Maximum water content 20% Maximum cross section 10 cm x 10 cm Average calorific value 17.000 - 20.000 kJ/kg							
Flue gas mass flow	g/s	8,5	12,0	16,8	20,0	24,0	29,5	33,5	37,0

Fuel type		Hard coal, lignite, coke							
Maximum fuel charge	kg	13	18	23	28	33	38	43	48
Requested fuel parameters		Maximum water content 15% Average size between 30 to 60 mm Average calorific value 26.000 - 30.000 kJ/kg							
Flue gas mass flow	g/s	12,0	19,5	24,0	29,5	34,5	40,0	44,8	50,5

