

Model		LOGAN							
Types		KL 3	KL 4	KL 5	KL 6	KL 7	KL 8	KL 9	KL 10
			KL 4F	KL 5F	KL 6F	KL 7F	KL 8F	KL 9F	KL 10F
Description of boiler		Manually stocked, cast iron sectional boilers, for solid fuels in 3pass flue circulation principle							
Number of sections	pcs.	3	4	5	6	7	8	9	10
Output range	(Coal) kW	16-20	22-30	32-40	42-50	52-60	62-70	72-80	82-90
	(Wood) kW	14-16	18-24	26-32	34-40	42-48	50-56	60-66	70-76
	(Pellet) kW		24	30	36				
Water Content	lt	27,5	34	41	47,5	54	60,5	66,5	73
Net weight	kg	208	243	278	313	350	387	424	461
Combustion chamber dimensions									
	Height	485							
	Width	360							
	Depth	220	320	420	520	620	720	820	920
	Volume	38,4	55,9	73,3	90,8	108,3	125,7	143,2	160,6
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	
Max. Fuel loading height (for log wood)	mm	425							
Max. Logwood length	mm	200	300	400	500	600	700	800	900
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	610	710	810	910	1010	1110	1210	1310
	L1	400	500	600	700	800	900	1000	1100
Flue outlet diameter (D)	mm	160				175			

Fuel type		Wood logs							
Maximum fuel charge	kg	12	17	22	26	31	36	41	46
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	9,0	13,0	18,0	21,5	26,0	31,5	36,0	40,0

Fuel type		Hard coal, lignite, coke							
Maximum fuel charge	kg	15	21	27	33	40	45	51	57
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	13,0	20,8	26,0	31,5	37,0	43,0	48,0	54,0

