

Model		Solitherm 3 3S	Solitherm 4 4S	Solitherm 5 5S	Solitherm 6 6S	Solitherm 7 7S	Solitherm 8 8S
Number of sections		3	4	5	6	7	8
Fuels		Wood logs, hard coal, lignite, coke					
Output (hard coal, lignite, coke)	kW	17	27	34	41	48	56
Output (wood logs)	kW	15	23	30	36	43	51
Efficiency	%	73,7	75,1	76,0	76,7	77,3	77,8
Net weight	kg	178	213	248	283	318	353
Water content	lt	17	22	27	32	37	42
Max fuel loading height	cm	35					
Flue circulation		Horizontal two pass					
Required draft at chimney	Pa	10 - 22	11 - 25	12 - 26	13 - 27	14 - 28	15 - 29
	mbar	0.10-0.22	0.11-0.25	0.12-0.26	0.13-0.27	0.14-0.28	0.15-0.29
Combustion chamber dimensions							
Height	mm	425					
Width	mm	315					
Length	mm	220	320	420	520	620	720
Fuel loading clearance (upper door)	mmxmm	322 x 318					
Temperature control range	C	30 to 90					
Maximum operating temperature	C	100					
Minimum return temperature	C	50 (recommended)					
Maximum operating pressure	bar	4					
Water flow/return connections	R	1 1/2"					
Filling / draining connection	R	1/2"					
Length (L1)	mm	378	478	578	678	778	878
Length (L2)	mm	562	662	762	862	962	1062
Flue outlet diameter	mm	160					

Fuel type		Wood logs					
Maximum fuel charge	kg	10	14	18	22	26	30
Combustion period at max load	h	3 to 5					
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

Fuel type		Hard coal, lignite, coke					
Maximum fuel charge	kg	13	18	23	28	33	38
Combustion period at max load	h	5 to 8					
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

