

Salamander SE Eco Stove Performance Results

Wood Logs Results, 0.80 hour refuels

Parameter		A19/135-1	A19/135-2	A19/135-3	Mean
Test duration	h	0.75	0.78	0.75	0.76
Total efficiency	%	80.1	79.0	79.2	79.4
Nominal heat output	kW	4.2	4.0	4.2	4.1
Mean CO emission (at 13% O ₂)	%	0.11	0.08	0.08	0.09
Mean flue gas temperature	°C	277	269	276	274
Flue gas mass flow	g/s	3.5	3.8	3.8	3.7
Mean C _n H _m emission (@13% O ₂)	Nmg/m ³	114	107	94	105
Mean NOx emission (@13% O ₂)	Nmg/m ³	103	88	87	93
DIN Plus particulates (@13% O ₂)	Nmg/m ³	28	22	20	23

Maxibrite Solid Fuel Results, 1.00 hour refuels

Parameter		A19/265-1	A19/265-2	Mean
Test duration	h	1.05	1.05	1.05
Total efficiency	%	79.9	82.8	81.4
Nominal heat output	kW	3.9	4.2	4.1
Mean CO emission (at 13 % O ₂)	%	0.09	0.09	0.09
Mean flue gas temperature	°C	257	223	240
Flue gas mass flow	g/s	3.0	3.1	3.1
Mean C _n H _m emission (@13% O ₂)	Nmg/m ³	26	58	42
Mean NOx emission (@13% O ₂)	Nmg/m ³	75	64	70
DIN Plus particulates (@13% O ₂)	Nmg/m ³	29	17	24

All efficiencies in are Net values