

Strebel S-CB+ Technical Specifications

		Technical Specifications						
Model		S-CB+ 60	S-CB+ 80	S-CB+ 100	S-CB+ 120	S-CB PX 120	S-CB+ 150	S-CB+ 180
Nominal INPUT Min/Max (Nett)	kW	12.5 - 55.6	14.6 - 74.3	17.2 - 92.2	26 - 111	26 - 111	34 - 138	45 - 166
Nominal OUTPUT 80/60°C at 100%	kW	12 - 53.5	14 - 71.2	16.5 - 88.4	24.7 - 106	24.7 - 106	32.6 - 132	43.3 - 160
Nominal OUTPUT 50/30°C at 100%	kW	12.9 - 57.4	15.2 - 77.5	18 - 96.2	27.2 - 116	27.2 - 116	35.5 - 144	47.3 - 175
Nominal OUTPUT 37/30°C at 30%	kW	13.5 - 59.8	15.7 - 80.1	18.6 - 99.5	28.1 - 120	28.1 - 120	36.7 - 149	48.5 - 179
Efficiency 40/30°C DIN 4702-8	%	Up to 110.6% in the S-CB Range						
Seasonal Efficiency (Part L)	%	94.98	95.34	95.34	95.58	95.58	95.22	95.14
Gas Consumption (Natural Gas)	m³/h	5.88	7.86	9.76	11.8	11.8	14.6	17.6
Gas Consumption (LPG)	m³/h	2.27	3.04	3.77	4.54	4.54	5.65	6.79
CO ₂ (Natural Gas)	%	9	9	9	9	9	9	9
CO ₂ (LPG)	%	10.3	10.3	10.3	10.3	10.3	10.4	10.5
NOx - Class (EN483 / EN15420)		5	5	5	5	5	5	5
NOx to EN15502	mg/kWh	38	46	40	45	45	41	44
Burner Control		Pre-mix Fully Modulating						
Electrical Power Supply	V/Hz	230/50	230/50	230/50	230/50	230/50	230/50	230/50
Electrical Power Consumption	W	355	355	355	370	150	600	600
Protection Class		IPX4D	IPX4D	IPX4D	IPX4D	IPX4D	IPX4D	IPX4D
Max Boiler Flow Temperature	°C	90	90	90	90	90	90	90
Working Pressure Min/Max ***	bar	1-4	1-4	1-4	1-4	1-4	1-4	1-4
Boiler Water Content	Litre	3.9	5	6.5	8.3	8.3	10.4	12.9
Integrated Pump		Yes	Yes	Yes	Yes	No	Yes	Yes
Flow/Return Connection (boiler)	inch	1"	1"	1"	1"	1"	1"	1"
Flow/Return Connection (with Supplied T-piece)	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"
Gas Connection	inch	3/4"	3/4"	3/4"	3/4"	3/4"	1"	1"
Flue / Air Supply Connections								
Coaxial System	mm	80/125*	80/125*	100/150*	100/150*	100/150**	Available On Enquiry	
Twin Pipe System - Flue / Air Supply	mm	80-80**	80-80**	100-100**	100-100**	100-100*	130-130*	130-130*
Dimension & Weight								
Height	mm	842	842	842	842	842	898	898
Width	mm	476	476	476	476	476	476	476
Depth	mm	486	486	486	486	486	677	677
Dry Weight	kg	46	73	78	83	78	92	101

The company reserves the right to change the specifications and dimensions without prior notice. E.&O.E.

* Standard Flue/Air Supply Connection ** Optional Flue/Air Supply Connections *** 6 bar on request