Strebel S-CBX Technical Data

		Technical Specifications			
Model		S-CBX 85	S-CBX 105	S-CBX 125	S-CBX 155
Nominal INPUT Min/Max (Nett)	kW	15.4 - 81.7	18.6 - 97.3	23.6 - 119.4	35.0 - 145.3
Nominal OUTPUT 80/60°C at 100%	kW	14.9 - 79.1	18.0 - 94.2	22.9 - 115.6	33.9 - 140.9
Nominal OUTPUT 50/30°C at 100%	kW	16.0 - 85.1	19.5 - 101.3	24.7 - 124.7	36.4 - 151.0
Nominal OUTPUT 37/30°C at 30%	kW	16.6 - 88.4	20.2 - 105.5	25.6 - 129.4	38.0 - 157.8
Efficiency 40/30°C DIN 4702-8	%	Up to 108.6% in the S-CBX Range			
Seasonal Efficiency (Part L)	%	95.62	95.7	95.68	95.84
Gas Consumption (Natural Gas)	m^3/h	1.6 - 8.5	1.9 - 10.2	2.5 - 12.5	3.7 - 15.3
Gas Consumption (LPG)	m^3/h	0.6 - 3.2	0.8 - 3.9	1.0 - 4.8	1.6 - 5.7
CO_2 (Natural Gas)	%	7.9 - 8.4	7.9 - 8.4	7.9 - 8.4	7.9 - 8.4
CO_2 (LPG)	%	10	10	10	10
NOx - Class (EN483 / EN15420)		6	6	6	6
NOx to EN15502	mg/kWh	23.1	21.3	23.9	20.1
Burner Control		Pre-mix Fully Modulating			
Electrical Power Supply	V/Hz	230/50	230/50	230/50	230/50
Electrical Power Consumption	W	355	355	355	370
Protection Class		IPX4D	IPX4D	IPX4D	IPX4D
Max Boiler Flow Temperature	°C	90	90	90	90
Working Pressure Min/Max	bar	0.7 - 6.0	0.7 - 6.0	0.7 - 6.0	0.7 - 6.0
Boiler Water Content	Litre	5	6.5	8.3	10.4
Flow/Return Connection (boiler)	inch	1"	1"	1"	$1^1/_4$"
Gas Connection	inch	$^3/_4$"	$^3/_4$"	$^3/_4$"	1"
Flue / Air Supply Connections					
Coaxial System	mm	100/150	100/150	100/150	-
Twin Pipe System - Flue / Air Supply	mm	100-100	100-100	100-100	150-150
Dimension & Weight					
Height	mm	845	845	845	845
Width	mm	440	440	440	440
Depth	mm	530	530	530	530
Dry Weight	kg	77	79	83	86

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