

# Strebel S-FX Technical Data

		Technical Specifications			
Model		S-FX 70	S-FX 125	S-FX 220	S-FX 320
Nominal INPUT Min/Max (Nett)	kW	14.0 - 65.5	23.0 - 116.0	41.0 - 207.0	62.0 - 299.0
Nominal OUTPUT 80/60°C at 100%	kW	13.7 - 64.4	22.5 - 114.0	40.2 - 204.0	60.8 - 294.5
Nominal OUTPUT 50/30°C at 100%	kW	15.0 - 69.9	24.8 - 125.0	44.2 - 220.0	66.8 - 320.0
Efficiency (Return Temperature 30°C)	%	109.70	109.70	109.50	109.70
<b>Gas Consumption</b>					
Natural Gas (G20)	m3/hr	1.48 - 6.39	2.43 - 12.28	4.34 - 21.9	6.56 - 31.64
LPG (G31)	m3/hr	1.09 - 5.09	1.79 - 9.01	3.19 - 16.08	4.82 - 23.23
<b>Emissions &amp; Efficiency Data</b>					
NOx Emissions (EN15502-1:2012)	mg/kWh	18	17	22	20
NOx Class EN15502 - 1	-	6	6	6	6
Flue Gas Temperature (80/60°C)	°C	60 - 68	60 - 66	61 - 67	61 - 67
Seasonal Space Efficiency - ERP	%	94	94	94	94
30% Part Load Efficiency - Gross	%	98.7	98.8	98.6	98.8
100% Full Load Efficiency - Gross	%	88.5	88.1	88.6	88.7
<b>Seasonal Efficiency - Building Regulations Part L</b>					
Gross Seasonal Efficiency	%	96.76	96.77	96.70	96.88
<b>Electrical Information</b>					
Electrical Power Supply	V/Hz	230 / 50	230 / 50	230 / 50	230 / 50
Protection Class	IP	X0D	X0D	X0D	X0D
Power Consumption	W	105	200	260	330
<b>Additional Boiler Information</b>					
Maximum Flow Temperature	°C	95	95	95	95
Working Pressure Min / Max	Bar	0.5 - 6.0	0.5 - 6.0	0.5 - 6.0	0.5 - 6.0
Boiler Water Content	Litres	116	265	386	530
Boiler Flow & Return Connections	Inch	1 1/4" BSP	1 1/4" BSP	2" BSP	DN65 F
Gas Connection	Inch	3/4" BSP	1" BSP	1" BSP	1" BSP
<b>Flue / Air Supply Connections</b>					
Flue Exhaust Spigot Size	mm	80	100	160	200
<b>Boiler Dimensions &amp; Weight</b>					
Height	mm	1760	1780	1820	1850
Width	mm	540	660	780	900
Depth	mm	668	808	953	1113
Dry Weight	kg	180	280	400	500