

Clean Heating | Naturally STREBEL

COMMERCIAL BOILERS



S-FAX
Multi-Module
Floor Standing Condensing Boiler
150 – 600kW

Multi-Module Floor Standing Condensing Boiler

The S-FAX range comprises four floor standing models of a highly efficient, low NOx emission, modular gas condensing boiler based on the cascading principle of multiple aluminium alloy heat exchangers offering nominal outputs, at 50°C/30°C (F/R), of 150kW, 300kW, 450kW and 600kW. Each boiler is comprised of multiples of a core 75kW heat exchanger and will modulate upwards from 15kW upwards to nominal output. The S-FAX 600 model accordingly has a modulation rate of 40:1 based around eight modules allowing precise seasonal load matching.

Each model is housed in a sturdy frost-proofed (down to -5°C ambient) casing designed for either internal or covered external installation. Flexible connection options allow for hydraulic connection from either right or left sides, with the boiler being flued from the bottom and is equipped with heavy duty wheels that can be fixed when the boiler is in position.

The S-FAX range is perfect for all new build and retrofit heating applications and comes with a wide selection of system accessories with the standard two year warranty (subject to water quality compliance) when commissioned by a Strebel engineer. Extended warranty is available up to five years if a Plate Heat Exchanger is supplied by Strebel and installed at time of commissioning.

Please visit our website for further information.

www.strebel.co.uk

Trusted By Commercial Heating Engineers Since 1893

S-FAX High Modulation Rate

- Four Models with nominal outputs of 150kW, 300kW, 450kW and 600kW.
- Modulation range from 10:1 to 40:1.
- Integrated non-return flue gas valve.
- 95.6% Part L Seasonal Efficiency.
- Low NOx Emissions (Class 6).
- Two Years Standard Warranty when commissioned by a Strebel engineer. Extended warranty available.*
- Wheels included for easy positioning.



S-FAX 450

Heavy-duty Positioning Wheels



Wheels open



Wheels closed



Internals S-FAX 600

Digital Controls

The S-FAX boiler is supplied with a built-in controller to modulate the output of the integral modules to match the heating demand. Variations in time clock and weather compensated flow temperature are programmable where outside temperature sensors are installed. The controller will accept a 0-10 volt signal or can be switched on and off from any control device including remote Modbus connectivity.



Control Panel

*Boiler Heat Exchanger warranty valid for 5 years when supplied with an additional Plate Heat Exchanger, and also commissioned by a Strebel Engineer.

Strebel S-FAX Technical Data

		Technical Specifications			
Model		S-FAX 150	S-FAX 300	S-FAX 450	S-FAX 600
Nominal Output 80°C / 60°C at 100%	kW	13.7-139.2	13.7-278.4	13.7-417.7	13.7-556.9
Nominal Output 50°C / 30°C at 100%	kW	15.1-148.4	15.1-296.8	15.1-445.2	15.1-593.6
Efficiency (Return Temperature 30°C)	%	108.2	108.2	108.2	108.2
Emissions & Efficiency Data					
NOx Emissions (EN15502-1:2012)	mg/kWh	37	37	37	37
NOx Class EN15502-1		6	6	6	6
Flue Gas Temperature (80°C / 60°C)	°C	60-62	60-62	60-62	60-62
30% Part Load Efficiency (80°C / 60°C)	%	98.4	98.4	98.4	98.4
100% Full Load Efficiency (80°C / 60°C)	%	98.7	98.7	98.7	98.7
Seasonal Efficiency - Building Regulations Part L					
Gross Seasonal Efficiency	%	95.6%	95.6%	95.6%	95.6%
Electrical Information					
Electrical Power Supply	V/Hz	230/50	230/50	230/50	230/50
Protection Class	IP	X4D	X4D	X4D	X4D
Power Consumption	W	380	760	1140	1520
Additional Boiler Information					
Maximum Flow Temperature	°C	95	95	95	95
Working Pressure Min / Max	Bar	0.8-6.0	0.8-6.0	0.8-6.0	0.8-6.0
Boiler Water Content	Litres	24	46	68	90
Boiler Flow & Return Connections	mm	DN65	DN65	DN65	DN65
Gas Connection	mm	DN40	DN40	DN50	DN50
Flue / Air Spigot Connections					
Flue Exhaust Spigot Size	mm	200	200	200	200
Boiler Dimensions & Weight					
Height	mm	1650	1650	1650	1650
Width	mm	1190	1190	1630	2070
Depth	mm	710	710	710	710
Dry Weight	kg	215	290	395	500

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



Customer Support

As with all Strebel products, the S-FAX boiler range is fully supported by our excellent customer service team and experienced technical engineers. Whether you are looking for product advice or for maintenance and repair, our service team are on hand to support you and can be contacted easily via telephone or online.

+44 (0) 1276 685 422 info@strebel.co.uk