

Clean Heating | Naturally STREBEL

COMMERCIAL BOILERS



S-CB-FSX

High Output Commercial
Floor Standing Condensing Boiler

375 – 1200kW

High Output Floor Standing Condensing Boiler

The S-CB FSX range comprises four floor standing models of a highly efficient, low NOx emission, water tube stainless steel heat exchanger style gas condensing boiler with nominal outputs, at 50°C/30°C (F/R), of 375kW, 625kW, 875kW and 1200kW. Each boiler is supplied with a fully integrated control system with a clear 7" graphic display, offers up to 96% seasonal efficiency and, courtesy of the pre-mix gas burner, modulate to a rate of 8:1 alongside low Class 6 NOx emissions. The boilers can be cascaded up to 16 in number, and are certified for firing on Natural Gas, LPG, Butane and up to a 20% Hydrogen mix.

All the S-CB FSX units come with in-built lifting lugs as well as side access for forklift positioning. Additionally, levelling castor and positioning wheels are included as standard, making plant room positioning and levelling easy.

The S-CB FSX 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.

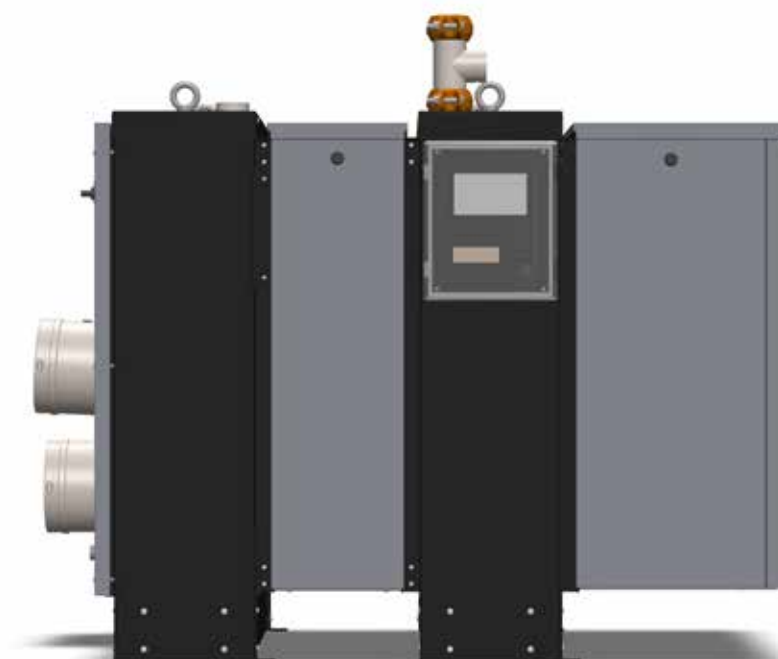
Please visit our website for further information.

www.strebel.co.uk

Trusted By Commercial Heating Engineers Since 1893

S-CB FSX High Modulation Rate

- Four Models with nominal outputs of 375kW, 625kW, 875kW and 1200kW.
- Modulation range of 8:1
- 96% Seasonal Efficiency
- Low NOx Emissions (Class 6)
- Two Years Standard Warranty when commissioned by a Strebel engineer.
- Wheels included for easy positioning.



S-CB FSX 1200 Side View

Heavy-duty Positioning Wheels



Wheels open



Wheels closed



Control Panel

Digital Controls

The S-CB FSX boiler is supplied with a built-in controller with a large backlit LCD screen with easy to read text allowing programming and display of status and error codes. Modbus connection is as standard with BacNet available with additional cost. Additionally touchscreen control is available as an option along with full data logging.



S-CB FSX Heat Exchanger Internals

Strebel S-CB-FSX Technical Data

		Technical Specifications			
Model		375	625	875	1200
Nominal Output 80°C / 60°C at 100%	kW	50.2-352	84.5-586	117-830	135-1133
Nominal Output 50°C / 30°C at 100%	kW	54.0-378	90.9-631	126-893	145-1219
Efficiency (Return Temperature 30°C)	%	98.1	98.3	98.1	98.1
Emissions & Efficiency Data					
NOx Emissions (EN15502-1:2021)	mg/kWh	31.7	21.9	26.9	36.9
NOx Class EN15502-1		6	6	6	6
Flue Gas Exit Temperature	°C	50-80	50-80	50-80	50-80
Seasonal Efficiency - Part L	%	96.14	96.32	96.16	96.16
Electrical Information					
Electrical Power Supply	V/Hz	230/50-60	230/50-60	230/50-60	400/50-60
Protection Class (with cover)	IP	IPX4	IPX4	IPX4	IPX4
Power Consumption	W	450	1230	1030	2100
Additional Boiler Information					
Maximum Flow Temperature	°C	90	90	90	90
Working Pressure Min / Max	Bar	10	10	10	10
Boiler Water Content	Litres	41.5	61.5	130.9	171.4
Boiler Flow & Return Connections	Victaulic	2.5"	2.5"	4"	4"
Gas Connection	BSP	2"	2"	2"	2"
Flue Exhaust Spigot Size	mm	200	200	250	300
Air Inlet Connection	mm	200	200	300	300
Boiler Dimensions & Weight					
Height	mm	1400	1730	2010	2430
Width	mm	870	870	1170	1170
Depth	mm	1200	1200	1500	1500
Dry Weight	kg	490	600	1015	1330

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-CB-FSX 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