S-CBX

Ultra Low NOx Condensing Boiler

85-155kW

Privacy - Terms

The S-CBX range comprises four boiler models of a highly efficient, ultra low emission wall hung condensing gas boiler offering an output range from 16kW to 151kW at 50/30 (F/R) with 85kW, 105kW, 125kW and 155kW individual boiler nominal outputs. Each boiler offers NOx emissions of less than 24 mg/kWh (Class 6) in compliance with the maximum 2 credits available under BREEAM's New Construction 2018 1.0 Technical Manual SD5078 guidelines[1].

With Seasonal Efficiency across the range in excessof 95% to Part L calculations the entire range is also ERP 'A' rated.

Benefiting from a corrosion resistant stainless heat exchanger as well as a small footprint, with a boiler width of only 440mm across the range, the S-CBX offers a wide range of output, ease of installation, ultra low emissions and high efficiency.

The S-CBX is also supplied with a built-in cascade controller to enable up to 16 boilers to be configured together offering up to 2.4MW output for heating and hot water installations. The boilers can be either wall or frame mounted and flued

either co-axially (up to the 125kW boiler) or twin piped.

Table 12.4 Maximum NOx emission levels by appliance type, fuel and location					
Appliance type and unit	Fuel	1 credit (low pollution location)	1 credit (high pollution location)	2 credit (low pollution location)	2 credit (high pollution location)
Boiler (mg/kWh)	Gas	27	27	24	24

[1] Exert from pg.306 of BREEAM UK New Construction 2018 1.0 Technical Manual SD5078

- **Under 24 mg/kWh NOx. Qualifies for maximum 2 points under BREEAM 2018 NOx limits.**
- **ERP 'A' rated**
- **95% Part L Seasonal Efficiency**

S-CBX Brochure

S-CBX Technical Specification

- **Cascade output up to 2.4MW**
- **Seven Year Warranty on Stainless Steel Heat Exchanger**

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