

Strebel S-CB+ Technical Specifications

| | | Technical Specifications | | | | | | |
|--|-------------------|--------------------------------|-------------|-------------|------------|-------------|----------------------|------------|
| Model | | S-CB+ 60 | S-CB+ 80 | S-CB+ 100 | S-CB+ 120 | S-CB PX 120 | S-CB+ 150 | S-CB+ 180 |
| Nominal INPUT Min/Max (Nett) | kW | 12.5 - 55.6 | 14.6 - 74.3 | 17.2 - 92.2 | 26 - 111 | 26 - 111 | 34 - 138 | 45 - 166 |
| Nominal OUTPUT 80/60°C at 100% | kW | 12 - 53.5 | 14 - 71.2 | 16.5 - 88.4 | 24.7 - 106 | 24.7 - 106 | 32.6 - 132 | 43.3 - 160 |
| Nominal OUTPUT 50/30°C at 100% | kW | 12.9 - 57.4 | 15.2 - 77.5 | 18 - 96.2 | 27.2 - 116 | 27.2 - 116 | 35.5 - 144 | 47.3 - 175 |
| Nominal OUTPUT 37/30°C at 30% | kW | 13.5 - 59.8 | 15.7 - 80.1 | 18.6 - 99.5 | 28.1 - 120 | 28.1 - 120 | 36.7 - 149 | 48.5 - 179 |
| Efficiency 40/30°C DIN 4702-8 | % | Up to 110.6% in the S-CB Range | | | | | | |
| Seasonal Efficiency (Part L) | % | 94.98 | 95.34 | 95.34 | 95.58 | 95.58 | 95.22 | 95.14 |
| Gas Consumption (Natural Gas) | m ³ /h | 5.88 | 7.86 | 9.76 | 11.8 | 11.8 | 14.6 | 17.6 |
| Gas Consumption (LPG) | m ³ /h | 2.27 | 3.04 | 3.77 | 4.54 | 4.54 | 5.65 | 6.79 |
| CO ₂ (Natural Gas) | % | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| CO ₂ (LPG) | % | 10.3 | 10.3 | 10.3 | 10.3 | 10.3 | 10.4 | 10.5 |
| NOx - Class (EN483 / EN15420) | | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| NOx to EN15502 | mg/kWh | 38 | 46 | 40 | 45 | 45 | 41 | 44 |
| Burner Control | | Pre-mix Fully Modulating | | | | | | |
| Electrical Power Supply | V/Hz | 230/50 | 230/50 | 230/50 | 230/50 | 230/50 | 230/50 | 230/50 |
| Electrical Power Consumption | W | 355 | 355 | 355 | 370 | 150 | 600 | 600 |
| Protection Class | | IPX4D | IPX4D | IPX4D | IPX4D | IPX4D | IPX4D | IPX4D |
| Max Boiler Flow Temperature | °C | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| Working Pressure Min/Max *** | bar | 1-4 | 1-4 | 1-4 | 1-4 | 1-4 | 1-4 | 1-4 |
| Boiler Water Content | Litre | 3.9 | 5 | 6.5 | 8.3 | 8.3 | 10.4 | 12.9 |
| Integrated Pump | | Yes | Yes | Yes | Yes | No | Yes | Yes |
| Flow/Return Connection (boiler) | inch | 1" | 1" | 1" | 1" | 1" | 1" | 1" |
| Flow/Return Connection (with Supplied T-piece) | inch | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/4" | 1 1/2" | 1 1/2" |
| Gas Connection | inch | 3/4" | 3/4" | 3/4" | 3/4" | 3/4" | 1" | 1" |
| Flue / Air Supply Connections | | | | | | | | |
| Coaxial System | mm | 80/125* | 80/125* | 100/150* | 100/150* | 100/150** | Available On Enquiry | |
| Twin Pipe System - Flue / Air Supply | mm | 80-80** | 80-80** | 100-100** | 100-100** | 100-100* | 130-130* | 130-130* |
| Dimension & Weight | | | | | | | | |
| Height | mm | 842 | 842 | 842 | 842 | 842 | 898 | 898 |
| Width | mm | 476 | 476 | 476 | 476 | 476 | 476 | 476 |
| Depth | mm | 486 | 486 | 486 | 486 | 486 | 677 | 677 |
| Dry Weight | kg | 46 | 73 | 78 | 83 | 78 | 92 | 101 |

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

* Standard Flue/Air Supply Connection ** Optional Flue/Air Supply Connections *** 6 bar on request



Customer Support

As with all Strebel products, the S-CB+ 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