

TECHNICAL PRODUCT SUBMITTAL



CPM SP Cascade boiler package

Key features:

- Full cascade header kit
- On Board controls
- Stainless Steel heat exchanger

Model CPM SP464

| | | |
|---|--------------------|-----------------|
| Number of Boilers in the cascade | | 4 |
| Nominal Input (net) | kW | 444 |
| Nominal Input (gross) | kW | 492 |
| Gas Flow Rate (natural gas) | m ³ /hr | 47.2 |
| Output @50/30°C | kW | 464 |
| Output @80/60°C | kW | 424 |
| EFFICIENCY DATA - Part L2 | | |
| Net Efficiency (full load) | % | 95 |
| Net Efficiency (part load) | % | 108.2 |
| Seasonal Efficiency (Part L2 Gross CV) | % | 95.2 |
| EFFICIENCY DATA - ErP and Energy Label | | |
| Ecodesign Energy Label rating | | n/a |
| Seasonal space heating energy efficiency | % | 92.6 |
| GENERAL DATA | | |
| NOx emission @0% O ₂ | mg/kWh | 37.41 |
| Dimensions (height to flue) | mm | 1948 |
| Dimensions (width) | mm | 2393 |
| Dimensions (depth) | mm | 610 |
| Water Content | litres | 8.3 |
| Weight (empty) | kg | 78 |
| Weight (full) | kg | 86.3 |
| Flow Connection (inches) | BSP | 3" |
| Return Connection (inches) | BSP | 3" |
| Gas Connection (inches) | BSP | 2" |
| Electrical Requirements | | 230V /1Ph/ 50hz |
| Maximum Power Consumption | W | 600 |
| Sound Power Level | LWA(db) | 62 |
| Maximum Flue Gas Temperature | °C | 120 |
| Max Flow Temperature | °C | 90 |
| Working Pressure Min | bar | 1.0 |
| Working Pressure Max * | bar | 4.0 |

*Can be used at 6 bar utilising the optional external pressure switch

Installation and Maintenance Information

CPM SP Boilers must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of www.lochinvar.ltd.uk

Please refer to the Installation, Commission and Maintenance instructions (ICM) for information on:

- Dimensions and clearances – page 9
- Air & Dirt Separators – page 19
- Water quality – page 19

ErP and Warranty

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at www.lochinvar.ltd.uk