

TECHNICAL PRODUCT SUBMITTAL



CPM Gas Fired Condensing Boilers

Key features:

- Integral A-rated modulating pump
- On board controls
- Stainless Steel heat exchanger

Model CPM 58

| | | |
|---|--------------------|-----------------|
| Nominal Input (gross) | kW | 62 |
| Gas Flow Rate (natural gas) | m ³ /hr | 5.8 |
| Output @50/30°C | kW | 58 |
| Output @80/60°C | kW | 54 |
| EFFICIENCY DATA - Part L2 | | |
| Net Efficiency (full load) | % | 96.3 |
| Net Efficiency (part load) | % | 107.6 |
| Seasonal Efficiency (Part L2 Gross CV) | % | 95.2 |
| EFFICIENCY DATA - ErP and Energy Label | | |
| Ecodesign Energy Label rating | | A |
| Seasonal space heating energy efficiency | % | 91.8 |
| GENERAL DATA | | |
| NOx emission @0% O ₂ | mg/kWh | 37.03 |
| Dimensions (height to flue) | mm | 992 |
| Dimensions (width) | mm | 460 |
| Dimensions (depth) | mm | 486 |
| Water Content | litres | 3.9 |
| Weight (empty) | kg | 46 |
| Weight (full) | kg | 50 |
| Flow Connection (inches) | BSP | 1½ |
| Return Connection (inches) | BSP | 1½ |
| Gas Connection (inches) | BSP | ¾ |
| Electrical Requirements | | 230V /1Ph/ 50hz |
| Maximum Power Consumption | W | 240 |
| Sound Power Level | LWA(db) | 65 |
| 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 Boilers must be installed and maintained in line with Installation Commissioning and Maintenance (ICM) Instructions which are available on the Literature & Downloads section of www.lochinvar.ltd.uk

Please refer to the ICM for information on :-

- Dimensions and clearances – page 8
- Air & Dirt Separators – page 16
- Old Heating systems / system protection – page 18

ErP and Warranty

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