CPM Gas Fired Condensing Boilers

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

Model
CPM 144

Nominal Input (gross) kW 153
Gas Flow Rate (natural gas) m³/hr 14.6
Output @50/30°C kW 144
Output @80/60°C kW 132

EFFICIENCY DATA - Part L2
Net Efficiency (full load) % 96.3
Net Efficiency (part load) % 107.8
Seasonal Efficiency (Part L2 Gross CV) % 95.1

EFFICIENCY DATA - ErP and Energy Label
Ecodesign Energy Label rating n/a
Seasonal space heating energy efficiency % 92.3

GENERAL DATA
NOx emission @0% O2 (EN15502) mg/kWh 41
Dimensions (height to flue) mm 1023
Dimensions (width) mm 460
Dimensions (depth) mm 677
Water Content litres 10.4
Weight (empty) kg 92
Weight (full) kg 102
Flow Connection (inches) BSP 1½
Return Connection (inches) BSP 1½
Gas Connection (inches) BSP 1

Electrical Requirements
Maximum Power Consumption W 505
Sound Power Level LWA(db) 66
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