

TECHNICAL PRODUCT SUBMITTAL



CPM Gas Fired Condensing Boilers

Key features:

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

Model CPM 116

Nominal Input (gross)	kW	123
Gas Flow Rate (natural gas)	m ³ /hr	11.8
Output @50/30°C	kW	116
Output @80/60°C	kW	106
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	977
Dimensions (width)	mm	460
Dimensions (depth)	mm	486
Water Content	litres	8.3
Weight (empty)	kg	83
Weight (full)	kg	91
Flow Connection (inches)	BSP	1½
Return Connection (inches)	BSP	1½
Gas Connection (inches)	BSP	¾
Electrical Requirements		
Maximum Power Consumption	W	280
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 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