

TECHNICAL PRODUCT SUBMITTAL



Herald Gas fired condensing boilers

Key features Include:

- Smart system controls
- Stainless Steel heat exchanger
- 11 bar maximum working pressure

Model

HCB 176

Nominal Input (net)	kW	158.4
Nominal Input (gross)	kW	175.8
Gas Flow Rate (natural gas)	m ³ /hr	16.8
Output @50/30°C	kW	162.1
Output @80/60°C	kW	151.9
EFFICIENCY DATA-Part L2		
Net Efficiency (full load)	%	95.9
Net Efficiency (part load)	%	105.9
Seasonal Efficiency (Part L2 Gross CV)	%	93.7
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		n/a
Seasonal space heating energy efficiency	%	95
GENERAL DATA		
NOx emission @0% O ₂ According to EN15502	mg/kWh	36
Dimensions (height)	mm	1080
Dimensions (width)	mm	394
Dimensions (depth)	mm	921
Water Content	litres	15.9
Weight (empty)	kg	154
Weight (full)	kg	170
Flow Connection (inches)	BSP	2
Return Connection (inches)	BSP	2
Gas Connection (inches)	BSP	1
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	322
Sound Power Level	LWA(db)	69
Maximum Flue Gas Temperature	°C	120
Max Flow Temperature	°C	88
Working Pressure Minimum	bar	0.5
Working Pressure Maximum	bar	11

Installation and Maintenance Information

Herald 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 10 and 11
- Water Quality – page 13
- Flue System – page 16 to 38

ErP and Warranty

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