

## Herald Gas fired condensing boilers

### Key features Include:

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

		Model
		HCB 61
Nominal Input (net)	kW	55.4
Nominal Input (gross)	kW	61.5
Gas Flow Rate (natural gas)	m <sup>3</sup> /hr	5.9
Output @50/30°C	kW	58.7
Output @80/60°C	kW	51.1
<b>EFFICIENCY DATA-Part L2</b>		
Net Efficiency (full load)	%	96.1
Net Efficiency (part load)	%	108.5
Seasonal Efficiency (Part L2 Gross CV)	%	95.6
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
Ecodesign Energy Label rating		A
Seasonal space heating energy efficiency	%	94
<b>GENERAL DATA</b>		
NOx emission @0% O <sub>2</sub> According to EN15502	mg/kWh	32
Dimensions (height)	mm	845
Dimensions (width)	mm	394
Dimensions (depth)	mm	565
Water Content	litres	6.4
Weight (empty)	kg	79
Weight (full)	kg	85
Flow Connection (inches)	BSP	1¼
Return Connection (inches)	BSP	1¼
Gas Connection (inches)	BSP	½
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	144
Sound Power Level	LWA(db)	60
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](http://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](http://www.lochinvar.ltd.uk)