

EcoForce Gas Fired condensing water heaters

Key features include:

- Stainless steel heat exchanger
- On board controls
- 8 bar working pressure

		Model
		EF180
Nominal Input (net)	kW	166.0
Nominal Input (gross)	kW	185.0
Gas Flow Rate (natural gas)	m3/hr	17.6
Nominal Output	kW	174.0
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	94.4
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating(Heater)		n/a
Water Heater Efficiency	%	89.0%
GENERAL DATA		
NOx emission @0% O2	ppm	26
NOx emission @0% O2	mg/kWh	30
Recovery Rate @ 44°C	l/hr	3400
Recovery Rate @ 50°C	l/hr	2992
Recovery Rate @ 56°C	l/hr	2671
Dimensions (height)	mm	1021
Dimensions (width)	mm	460
Dimensions (depth)	mm	677
Water Content	litres	12.9
Weight (empty)	kg	93
Weight (full)	kg	106
Flow Connection (inches)	BSP	2
Return Connection (inches)	BSP	2
Gas Connection (inches)	BSP	R1
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	250
Sound Power Level	LWA(db)	69
Maximum Flue Gas Temperature	°C	120
Max Outlet Temperature	°C	75
Working Pressure Min	bar	0.5
Working Pressure Max	bar	8.0

EcoForce water heaters must be installed and maintained in line with the Installation Commissioning and Maintenance Instructions which are available on the Literature & Downloads section of www.lochinvar.ltd.uk

Particular attention should be made to:-

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|---------------------------|-------------|
| • Dimensions | page 6&7 |
| • Installation schematics | page 23 &24 |
| • Circulating pumps | page 27 |
| • Maintenance | page 93 |

ErP and Warranty

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