

EcoForce Gas Fired condensing water heaters

Key features include:

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

Model EF80

Nominal Input (net)	kW	74.0
Nominal Input (gross)	kW	82.0
Gas Flow Rate (natural gas)	m3/hr	7.9
Nominal Output	kW	78.0
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	94.9
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating(Heater)		n/a
Water Heater Efficiency	%	86.0%
Standing Loss (Vessel)	W	n/a
GENERAL DATA		
NOx emission @0% O2	ppm	32
NOx emission @0% O2	mg/kWh	57
Recovery Rate @ 44°C	l/hr	1524
Recovery Rate @ 50°C	l/hr	1341
Recovery Rate @ 56°C	l/hr	1198
Dimensions (height)	mm	967
Dimensions (width)	mm	460
Dimensions (depth)	mm	486
Water Content	litres	5
Weight (empty)	kg	67
Weight (full)	kg	72
Flow Connection (inches)	BSP	1½
Return Connection (inches)	BSP	1½
Gas Connection (inches)	BSP	R¾
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	170
Sound Power Level	LWA(db)	67
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:-

- 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