

EcoCharger Hybrid gas fired/solar condensing water heaters

Key features Include:

- On board solar controls
- Enamel lined storage vessel
- Factory fitted Correx

Model HWH87-480GCE

Nominal Input (net)	kW	79.3
Nominal Input (gross)	kW	88.1
Gas Flow Rate (natural gas)	m ³ /hr	8.3
Nominal Output	kW	85.7
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (Part L2 Gross CV)	%	97
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		n/a
Water Heater efficiency	%	93
GENERAL DATA		
NOx emission @0% O ₂	mg/kWh	34
Recovery Rate @ 44°C	l/hr	1700
Recovery Rate @ 50°C	l/hr	1500
Recovery Rate @ 56°C	l/hr	1300
Dimensions (height)	mm	2060
Dimensions (diameter)	mm	850
Storage Capacity	litres	488
Weight (empty)	kg	480
Weight (full)	kg	968
Insulation Thickness	mm	50
Insulation Material		Polyurethane
Hot Outlet Connection (inches)	BSP	R1½
Cold Feed Connection (inches)	BSP	R1½
Gas Connection (inches)	BSP	R¾
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	95
Sound Power Level	LWA(db)	54
Maximum Flue Gas Temperature	°C	50
Max Outlet Temperature	°C	80
Maximum Working Pressure	bar	8.0

EcoCharger Hybrid 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 and clearances page 22- 25
- Vented and Unvented installation requirements page 28&29
- maintenance page 99

ErP and Warranty

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