

TECHNICAL PRODUCT SUBMITTAL



EcoCharger gas fired condensing water heaters

Key features Include:

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

Model ECH106-480GCE

Nominal Input (net)	kW	96.6
Nominal Input (gross)	kW	107.3
Gas Flow Rate (natural gas)	m ³ /hr	10.1
Nominal Output	kW	102.4
BUILDING REGULATIONS COMPLIANCE DATA		
Seasonal Efficiency (Part L2 Gross CV)	%	95
Maintenance Consumption Value	MJ/Month	733.2
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	36
Recovery Rate @ 44°C	l/hr	2000
Recovery Rate @ 50°C	l/hr	1800
Recovery Rate @ 56°C	l/hr	1600
Dimensions (height)	mm	2060
Dimensions (diameter)	mm	850
Storage Capacity	litres	488
Weight (empty)	kg	405
Weight (full)	kg	893
Insulation Thickness	mm	44
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	145
Sound Power Level	LWA(db)	59
Maximum Flue Gas Temperature	°C	55
Max Outlet Temperature	°C	80
Maximum Working Pressure	bar	8.0

EcoCharger 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 54 and 101
- Vented and Unvented installation requirements page 50
- maintenance page 85

ErP and Warranty

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