

TECHNICAL PRODUCT SUBMITTAL



EcoShield gas fired condensing water heaters

Key features Include:

- On board controls
- Enamel lined storage vessel
- Stainless Steel heat exchanger

Stainless steel heat exchanger

Nominal Input (net)	kW
Nominal Input (gross)	kW
Gas Flow Rate (natural gas)	m ³ /hr
Nominal Output	kW
EFFICIENCY DATA-Part L2	
Efficiency (Part L2 Gross CV)	%
NOx emission @0% O ₂ According to EN89	mg/kWh
EFFICIENCY DATA-ErP and Energy Label	
Ecodesign Energy Label rating	
Water Heater efficiency	%
GENERAL DATA	
Recovery Rate @ 44°C	l/hr
Recovery Rate @ 50°C	l/hr
Recovery Rate @ 56°C	l/hr
Dimensions (height)	mm
Dimensions (diameter)	mm
Storage Capacity	litres
Weight (empty)	kg
Weight (full)	kg
Insulation Thickness	mm
Insulation Material	
Hot Outlet Connection (inches)	BSP
Cold Feed Connection (inches)	BSP
Gas Connection (inches)	BSP
Electrical Requirements	
Power Consumption	W
Sound Power Level	LWA(db)
Maximum Flue Gas Temperature	°C
Max Outlet Temperature	°C
Maximum Working Pressure	bar

Model SHW146-410CE

132.0
146.5
14.0
141.2
96.4
38.0
n/a
79
2768
2436
2175
1920
930
410
406
860
50
Polyurethane
2
2
R1
230V /1Ph/ 50hz
961
66
120
80
10

EcoShield 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 9 and 12
- Vented and Unvented installation requirements – Page 23 to 26
- Water side maintenance – Page 42 and 43

ErP and Warranty

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