

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	39.6
Nominal Input (gross)	kW	44.0
Gas Flow Rate (natural gas)	m ³ /hr	4.2
Nominal Output	kW	41.2
EFFICIENCY DATA-Part L2		
Efficiency (Part L2 Gross CV)	%	93.6
NOx emission @0% O ₂ According to EN89	mg/kWh	33.0
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		B
Water Heater efficiency	%	73
GENERAL DATA		
Recovery Rate @ 44°C	l/hr	806
Recovery Rate @ 50°C	l/hr	709
Recovery Rate @ 56°C	l/hr	633
Dimensions (height)	mm	1920
Dimensions (diameter)	mm	715
Storage Capacity	litres	325
Weight (empty)	kg	281
Weight (full)	kg	614
Insulation Thickness	mm	50
Insulation Material		Polyurethane
Hot Outlet Connection (inches)	BSP	1½
Cold Feed Connection (inches)	BSP	1½
Gas Connection (inches)	BSP	R½
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	431
Sound Power Level	LWA(db)	58
Maximum Flue Gas Temperature	°C	120
Max Outlet Temperature	°C	80
Maximum Working Pressure	bar	10

Model SHW46-325CE

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