

# TECHNICAL PRODUCT SUBMITTAL

## EFB105



Nominal Input (net)	kW	97.3
Nominal Input (gross)	kW	108.1
Gas Flow Rate (natural gas)	m3/hr	10.2
Output @50/30°C	kW	101.8
Output @55/35°C	kW	100.5
Output @80/60°C	kW	94.2
<b>EFFICIENCY DATA-Part L2</b>		
Seasonal Efficiency (@80/60°C According EN15502) Gross	%	95.6
Seasonal Efficiency (@55/35°C According EN15502) Gross	%	96.7
<b>EFFICIENCY DATA-ErP and Energy Label</b>		
Ecodesign Energy Label rating		N/A
Seasonal space heating energy efficiency	%	92.6
<b>GENERAL DATA</b>		
NOx emission @0% O2 According to EN15502	mg/kWh	21.3
Dimensions (height)	mm	845
Dimensions (width)	mm	440
Dimensions (depth)	mm	539
Water Content	litres	6.5
Weight (empty)	kg	79
Weight (full)	kg	85.5
Flow Connection (inches)	BSP	R1"
Return Connection (inches)	BSP	R1"
Gas Connection (inches)	BSP	R¾"
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	280
Sound Power Level	LWA(db)	68
Maximum Flue Gas Temperature	°C	90
Max Flow Temperature	°C	90
Working Pressure Minimum	bar	1
Working Pressure Maximum	bar	6

**EFB boiler** 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](http://www.lochinvar.ltd.uk)

Particular attention should be made to:-

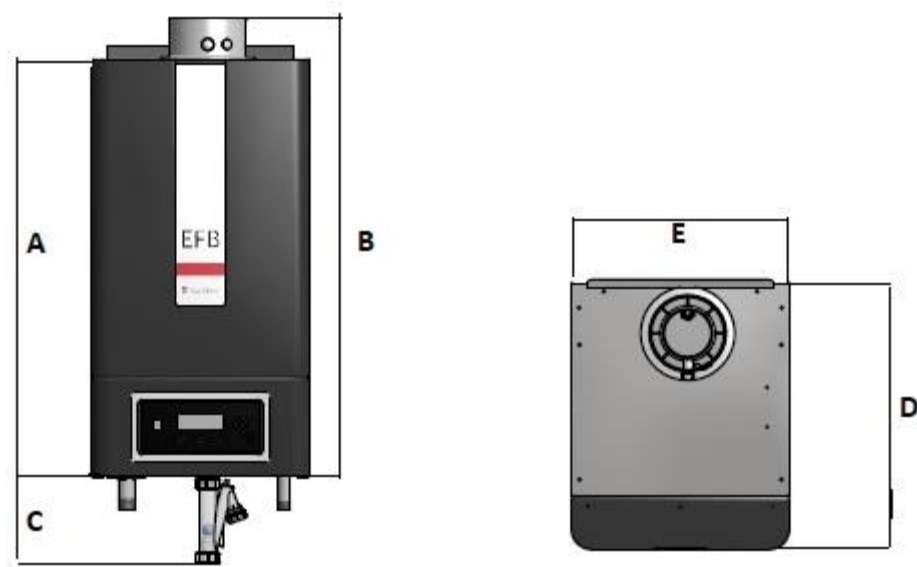
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

#### **ErP and Warranty**

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

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Connections		EFB85	EFB105	EFB125	EFB155
Flue gas (concentric)	mm	100-150			N/A
Air inlet (concentric)					
Flue gas (twin-pipe)	mm	100-100			150-150
Air inlet (twin-pipe)					
flow	Inch	R1"			R1¼"
condensate	mm	flexible hose Ø25/21 mm			
return	Inch	R1"			R1¼"
gas	Inch	R¾"			R1"
A	mm	845	845	845	845
B	mm	931	931	931	1025.4
C	mm	176.5	176.5	176.5	176.5
D	mm	539	539	539	539
E	mm	440	440	440	440