

TECHNICAL PRODUCT SUBMITTAL

EFB85



Nominal Input (net)	kW
Nominal Input (gross)	kW
Gas Flow Rate (natural gas)	m3/hr
Output @50/30°C	kW
Output @80/60°C	kW
Output @35/30°C part load (30%)	kW
EFFICIENCY DATA-Part L2	
Net Efficiency Full load (100%)	%
Net Efficiency part load (30%)	%
Seasonal Efficiency (at 80/60 According to EN15502) Gross	%
EFFICIENCY DATA-ErP and Energy Label	
Ecodesign Energy Label rating	
Seasonal space heating energy efficiency	%
GENERAL DATA	
NOx emission @0% O2 According to EN15502	mg/kWh
Dimensions (height)	mm
Dimensions (width)	mm
Dimensions (depth)	mm
Water Content	litres
Weight (empty)	kg
Weight (full)	kg
Flow Connection (inches)	BSP
Return Connection (inches)	BSP
Gas Connection (inches)	BSP
Electrical Requirements	
Power Consumption	W
Sound Power Level	LWA(db)
Maximum Flue Gas Temperature	°C
Max Flow Temperature	°C
Working Pressure Minimum	bar
Working Pressure Maximum	bar

EFB85	EFB105	EFB125	EFB155
81.7	97.3	119.4	145.3
90.7	108.1	132.6	161.4
8.5	10.2	12.5	15.3
85.1	101.8	124.7	151
79.1	94.2	115.7	140.9
88.4	105.5	129.4	157.4
96.8	96.8	96.9	97.0
108.2	108.4	108.4	108.3
95.5	95.6	95.6	95.8
N/A	N/A	N/A	N/A
92.4	92.6	92.7	92.9
23.1	21.3	23.9	20.1
845	845	845	845
440	440	440	440
539	539	539	539
5	6.5	8.3	10.4
77	79	83	86
82	85.5	91.3	96.4
R1"	R1"	R1"	R1¼"
R1"	R1"	R1"	R1¼"
R¾"	R¾"	R¾"	R1"
230V /1Ph/ 50hz	230V /1Ph/ 50hz	230V /1Ph/ 50hz	230V /1Ph/ 50hz
190	280	280	280
65.8	68	67.8	73
90	90	90	90
90	90	90	90
1	1	1	1
6	6	6	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

Particular attention should be made to:-

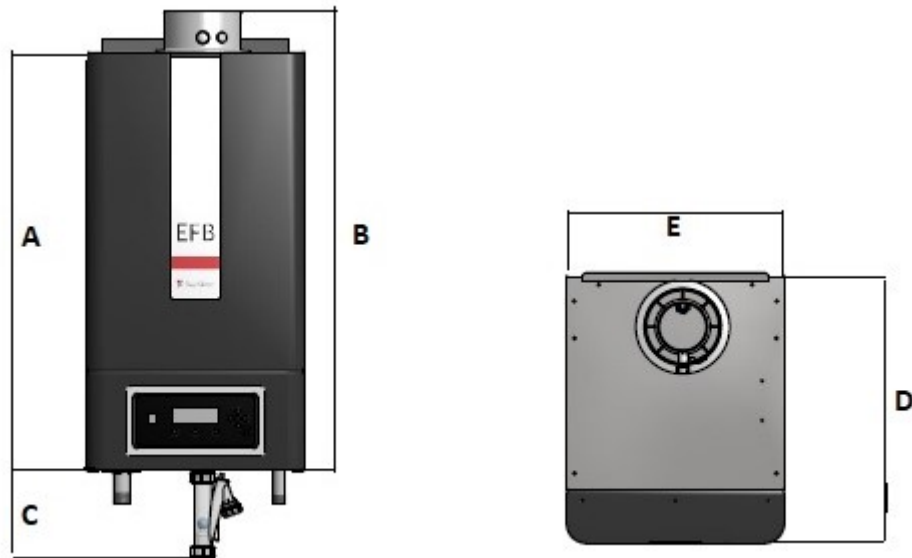
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

ErP and Warranty

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

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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