

TECHNICAL PRODUCT SUBMITTAL

TTB580



TTB410

TTB580

Nominal Input (Nett)	kW
Nominal Input (gross)	kW
Gas Flow Rate (natural gas)	m3/hr
Output @50/30°C	kW
Output @80/60°C	kW
Output @37/30°C Part load (30%)	kW
EFFICIENCY DATA-Part L2	
Net Efficiency Full load (100%)	%
Net Efficiency part load (30%)	%
Seasonal Efficiency (@80/60°C According to EN15502)	%
EFFICIENCY DATA-ErP and Energy Label	
Ecodesign Energy Label rating	
Seasonal space heating energy efficiency	%
GENERAL DATA	
NOx emission @0% O2	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
Minimum Working Pressure	bar
Maximum Working Pressure	bar

400	550
444	611
42.3	58.2
418	576
386	535
433	597
96.5	97.3
108.2	108.2
95.5	95.6
n/a	n/a
92.5	n/a
42	36.55
1638	1638
736	736
1094	1094
30	43
400	450
430	493
R2½	R2½
R2½	R2½
R1½	R2
230V /1Ph/ 50hz	230V /1Ph/ 50hz
960	960
74	78
90	90
90	90
1.0	1.0
4.0	4.0

TTB boilers 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:-

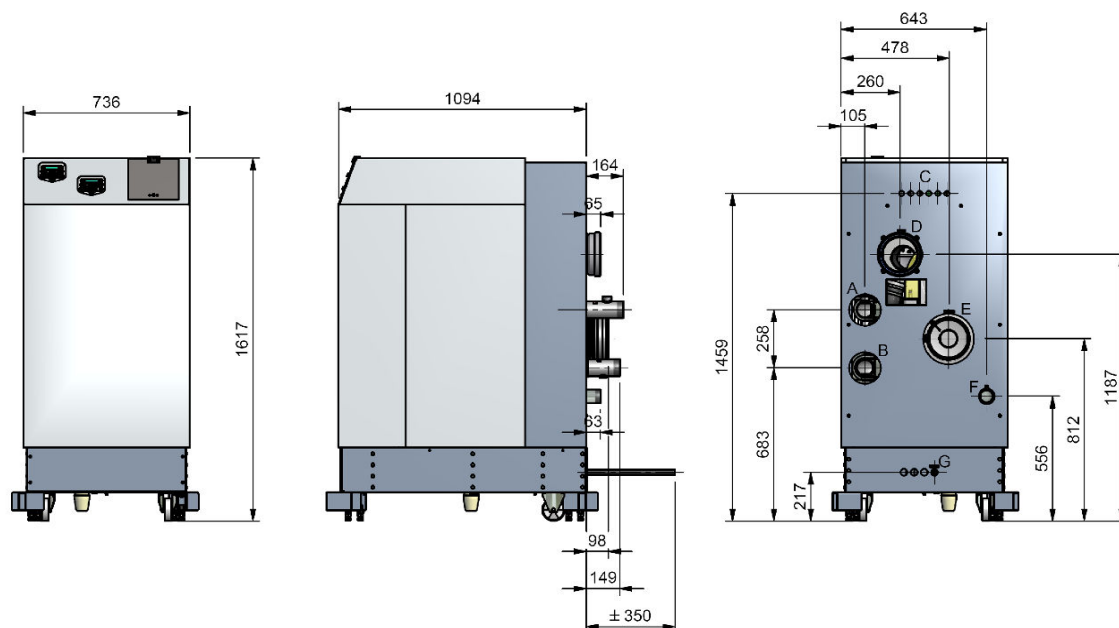
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

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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Item	Description	Unit	TTB410	TTB580
			Size	Size
A	water flow (outlet)	Inch	2½"	2½"
B	water return (inlet)	Inch	2½"	2½"
C	cable input	mm	Ø 22,5	Ø 22,5
D	combustion air inlet	mm	180	180
E	flue terminal	mm	180	180
F	gas connection	Inch	2"	2"
G	condensate discharge hose	mm	Ø 25	Ø 25