

TECHNICAL PRODUCT SUBMITTAL

TTB410



Nominal Input (gross)	kW	444
Gas Flow Rate (natural gas)	m ³ /hr	42.3
Output @50/30°C	kW	418
Output @55/35°C	kW	412
Output @80/60°C	kW	386
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (@80/60°C According to EN15502)	%	95.5
Seasonal Efficiency (@55/35°C According to EN15502)	%	96.9
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		n/a
Seasonal space heating energy efficiency	%	92.5
GENERAL DATA		
NOx emission @0% O ₂	mg/kWh	44
Dimensions (height)	mm	1638
Dimensions (width)	mm	736
Dimensions (depth)	mm	1094
Water Content	litres	30
Weight (empty)	kg	400
Weight (full)	kg	430
Flow Connection (inches)	BSP	R2½
Return Connection (inches)	BSP	R2½
Gas Connection (inches)	BSP	R1½
Electrical Requirements		230V /1Ph/ 50hz
Power Consumption	W	960
Sound Power Level	LWA(db)	74
Maximum Flue Gas Temperature	°C	90
Max Flow Temperature	°C	85
Minimum Working Pressure	bar	1.0
Maximum Working Pressure	bar	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:-

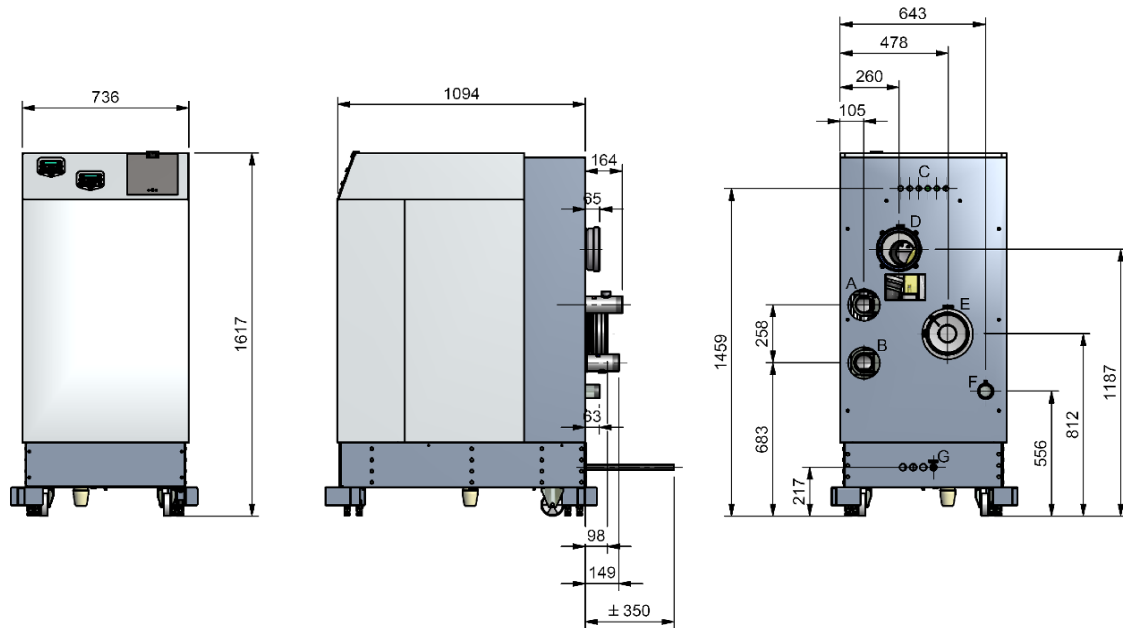
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

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