

TECHNICAL PRODUCT SUBMITTAL

CPM SP464 CASCADE BOILERS



CPM SP464

Number of Boilers in the cascade		4
Nominal Input (net)	kW	444
Nominal Input (gross)	kW	492
Gas Flow Rate (natural gas)	m3/hr	47.2
Output @50/30°C	kW	464
Output @55/35°C	kW	456
Output @80/60°C	kW	424
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (@55/35°C According EN15502) Gross	%	95.2
Seasonal Efficiency (@80/60°C According EN15502) Gross	%	96.6
EFFICIENCY DATA-ErP and Energy Label		
Ecodesign Energy Label rating		N/A
Seasonal space heating energy efficiency	%	92.6
GENERAL DATA		
NOx emission @0% O2 According to EN15502	mg/kWh	39
Dimensions (height to flue)	mm	1948
Dimensions (width)	mm	2393
Dimensions (depth)	mm	610
Water Content	litres	8.3
Weight (empty)	kg	78
Weight (full)	kg	86.3
Flow Connection (inches)	BSP	3
Return Connection (inches)	BSP	3
Gas Connection (inches)	BSP	2
Electrical Requirements		230V/1Ph/50hz
Maximum Power Consumption	W	600
Sound Power Level	LWA(db)	62
Maximum Flue Gas Temperature	°C	120
Max Flow Temperature	°C	90
Working Pressure Minimum	bar	1.0
Working Pressure Maximum	bar	4.0

CPM SP 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:-

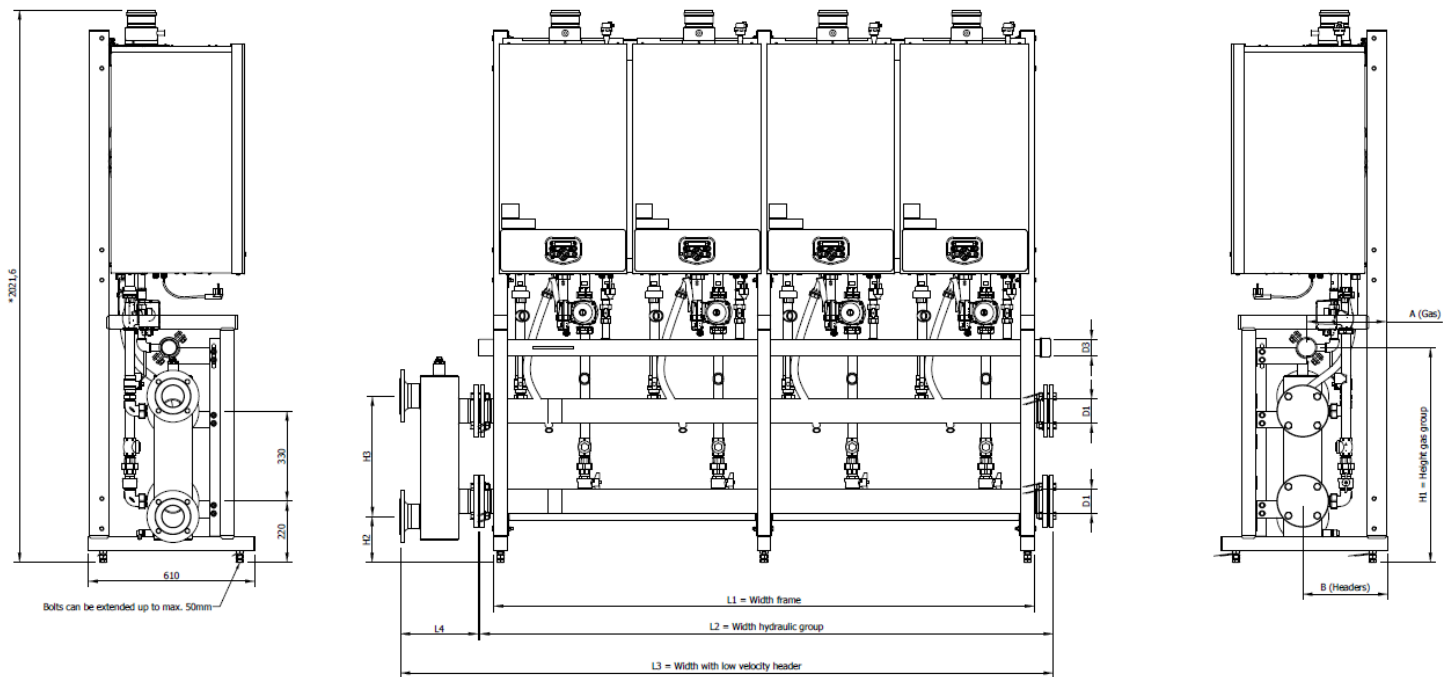
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

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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CPM-SP	2 boilers	3 boilers	4 boilers
L1 (frame)	1015	1520	1980
L2 (standards)	1140	1630	2084
L3 (total)	1358	1914	2393
L4 (open header)	190	265	290
H1 (gas)	787	789	791
H2 (open header)	169	140	165
H3 (open header)	436	487	440
D1 (Connection)	RP 1½"	DN 65 PN6 (2½")	DN 80 PN6 (3")
D2 (Connection)	R 1½"	DN 65 PN6 (2½")	DN 80 PN6 (3")
D3 (gas)	R 1¼"	R 1½"	R 2"
A (gas)	271	283	283
B (headers)	283	283	283