TECHNICAL PRODUCT SUBMITTAL
CPM SP348 CASCADE BOILERS

Lochinvar®
HIGH EFFICIENCY BOILERS & WATER HEATERS

CPM SP348

		CPM SP348
Number of Boilers in the cascade		3
Nominal Input (net)	kW	333
Nominal Input (gross)	kW	369
Gas Flow Rate (natural gas)	m3/hr	35.4
Output @50/30°C	kW	348
Output @55/35°C	kW	342
Output @80/60°C	kW	318
EFFICIENCY DATA-Part L2		
Seasonal Efficiency (@80/60°C According EN15502) Gross	%	95.2
Seasonal Efficiency (@55/35°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	1914
Dimensions (depth)	mm	610
Water Content	litres	8.3
Weight (empty)	kg	78
Weight (full)	kg	86.3
Flow Connection (inches)	BSP	2½
Return Connection (inches)	BSP	2½
Gas Connection (inches)	BSP	1½
Electrical Requirements		230V/1Ph/50hz
Maximum Power Consumption	W	450
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
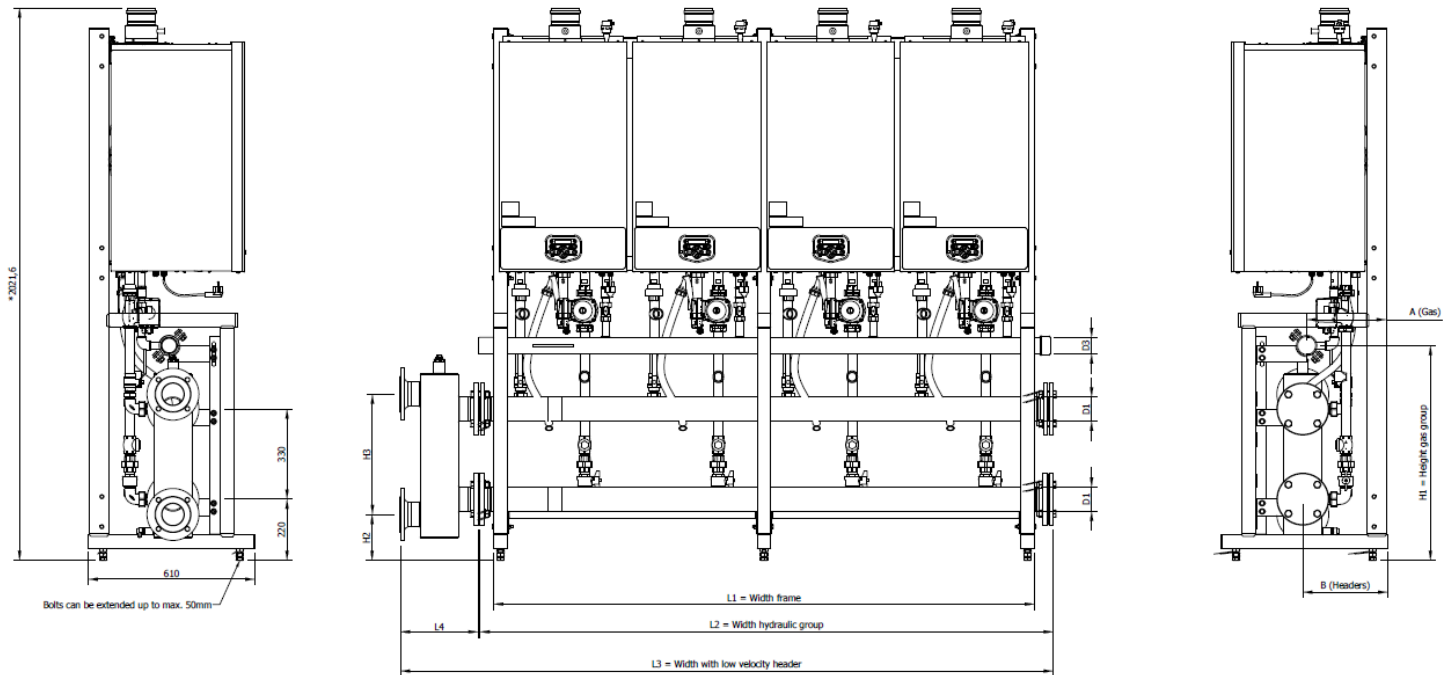
Particular attention should be made to:-
- Dimensions and clearances
- Vented and Unvented installation requirements
- maintenance

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