## TECHNICAL PRODUCT SUBMITTAL

**CPM SP Cascade boiler package**

### Key features:
- Full cascade header kit
- On Board controls
- Stainless Steel heat exchanger

<table>
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<tr>
<th>Model</th>
<th>CPM SP348</th>
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- **Number of Boilers in the cascade**: 3
- **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

### EFFICIENCY DATA - Part L2
- **Net Efficiency (full load)**: %
- **Net Efficiency (part load)**: %
- **Seasonal Efficiency (Part L2 Gross CV)**: %

### EFFICIENCY DATA - ErP and Energy Label
- **Ecodesign Energy Label rating**: n/a
- **Seasonal space heating energy efficiency**: %

### GENERAL DATA
- **NOx emission @0% O2**: mg/kWh
- **Dimensions (height to flue)**: 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
- **Maximum Power Consumption**: W
- **Sound Power Level**: LWA(db)
- **Maximum Flue Gas Temperature**: °C
- **Max Flow Temperature**: °C
- **Working Pressure Min**: bar
- **Working Pressure Max**: bar

*Can be used at 6 bar utilising the optional external pressure switch*

### Installation and Maintenance Information

**CPM SP Boilers** must be installed and maintained in line with Installation Commissioning and Maintenance (ICM) Instructions which are available on the Literature & Downloads section of [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

Please refer to the Installation, Commission and Maintenance instructions (ICM) for information on:
- Dimensions and clearances – page 9
- Air & Dirt Separators – page 19
- Water quality – page 19

### ErP and Warranty

ErP Data including Product Fiche and Energy Labels where applicable and Warranty information are also available at [www.lochinvar.ltd.uk](http://www.lochinvar.ltd.uk)

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