About the Team
At RHCS we aim to build long term partnerships with our customers and work closely with you: from understanding your needs to on time deliveries into your site.

From our centrally located office in Birmingham our team will offer you a friendly, open approach ensuring we meet all your heating and cooling requirements.

We truly believe in good customer service and we want to take the stress out of our customers’ lives so you can buy from us in confidence.

We look forward to receiving any enquiries you may have or hearing from you to discuss what RHCS can do for you.

RHCS – Manufacturer of the Spectrum range of radiant panels
The Spectrum range of radiant panels combines excellent heating and cooling performance with an unobtrusive design, easy installation, realistic pricing and the knowledge that they will give years of trouble free service.

Spectrum panels are designed for a wide range of applications and we are the leading supplier to many markets: classrooms and sports halls in schools, hospitals, residential care homes as well as offices and light industrial units.

Spectrum radiant panels are constructed from 150mm wide extruded aluminium strips, interlocked together to make the required width combinations.

Availability
Spectrum Radiant Panels are manufactured in the UK and sold directly throughout the UK and the Republic of Ireland, ensuring quick delivery to site to aid schedule requirements.

Panel stock is held in our centrally located warehouse in Birmingham for quick call off if required.

We offer supplier support at all stages of a project, including site attendance.

Tel: +44 1143 210041
Email: sales@rhcs.co
www.radiantheatingandcooling.co.uk
Design Configuration

Spectrum radiant panels are available in the following Modular lengths:

- 600mm, 1200mm, 1800mm, 2400mm, 3000mm, 3600mm.

Combinations of the above sizes can be used for longer lengths. Bespoke sizes are available on request.

CBE

Standard Modular Design 600mm-3600mm

When joining panels longer than 3000mm, a FR & EP panel will complete the panel assembly. The OBE panel can be used to lengthen the complete panel to the desired length.

Standard Make of Panels from 3000mm

```
600-3000
600-3000
FR
600-3000
OBE x ?
600-3000
PL
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Outputs

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<th>1800</th>
<th>2400</th>
<th>3000</th>
<th>3600</th>
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<td>295</td>
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<td>492</td>
<td>738</td>
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</table>

Outputs shown are \( \Delta T = 55 \kappa \)

Operating pressure: 4.6 bar
Max Operating temperature: 90°C
Cooling outputs on request

Installation Information

Over the years’ experience has shown the contractor can install these safely by themselves, which reduces costs and gives greater flexibility to the contractor.

Fixing All panels except Wall Mounted will need support wires (can be supplied at extra cost) Wall Mounted comes complete with all fixings.

Weight Working weight 15.2kg/m².

Connections Panels come with 15mm male connections, flexible push fit connectors are recommended for easier installation, (can be supplied at extra cost).

Joining panels Couplings will be required (not supplied) when joining panels cover strips will be provided.

Actual Panel Sizes

<table>
<thead>
<tr>
<th>Nominal Width</th>
<th>Actual Width</th>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Nominal Length</th>
<th>Actual Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>600mm</td>
<td>592mm</td>
</tr>
<tr>
<td>1200mm</td>
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<td>1800mm</td>
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<td>2392mm</td>
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<td>3000mm</td>
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<tr>
<td>3600mm</td>
<td>3592mm</td>
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</table>
**Key features**

**Casing** of the panels are manufactured from 2.5mm aluminium extrusion to BS EN 755-9-2001. Panels will 150mm wide, strips interlocked to encapsulate the copper waterways.

**Waterways** from 15mm OD copper to BS EN1057.

Insulation are low density rigid polyisocyanurate foam board 30mm thick.

**Finish** to be powder coated to RAL 9010 (30%matt)

**Packaging** all panels will be individually boxed, clearly labelled and complete with fitting instructions.

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Contact us today

Our UK based facility will respond quickly