

RADIANT
HEATING & COOLING SOLUTIONS

SPECTRUM PRO



NEED A PARTNER YOU CAN TRUST? CAPABILITY IS ONE THING, EXPERIENCE IS ANOTHER.

The best business partner is the one who understands your markets as well as you. The team at RHCS have over 3 decades of experience in designing and creating heating and cooling solutions. Our objective is to use this knowledge and experience to help you become as innovative as you can be, in your market place.



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 199mm 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, 2400 mm, 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

Standard Make of Panels from 3000mm

600-3000

FR

600-3000

OBE x ?

600-3000

PL

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.

Outputs Per Linear Metre & Dimensions

EN14037					
Panel Width (mm)	400	600	800	1000	1200
dt					
70	343	515	686	858	1029
68	330	495	660	826	991
66	320	480	640	800	960
64	312	468	625	781	937
62	300	449	599	749	899
60	289	434	579	723	868
58	271	407	543	678	814
56	261	392	522	653	783
55	256	384	512	640	768
54	251	376	502	627	753
52	241	361	481	602	722
50	228	342	456	570	684
48	218	326	435	544	653
46	207	311	415	518	622
44	197	296	394	493	591
42	187	280	374	467	561
40	177	265	353	442	530
38	166	250	333	416	499
36	156	234	312	390	468
34	146	219	292	365	438
32	136	204	271	339	407
30	125	188	251	314	376

Panel	Actual Width (mm)	Length FH	Length tbar 600	Operating weight with insulation P/M (kg)	Water Content weight P/M (kg)
PRO 400/4	397	As Quoted Length	Module Length Minus 5mm	7.22	1.08
PRO 600/6	597			10.84	1.62
PRO 800/8	797			14.45	2.16
PRO 1000/10	997			18.06	2.7
PRO 1200/12	1197			21.68	3.24

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.

Connections Panels come ready for flexible push fit connectors, recommended for easier installation. 15mm male/female connectors can be supplied at extra cost.

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

RADIANT SPECTRUM PRO RADIANT PANEL

Key features

Casing of the panels are manufactured from 2mm aluminium extrusion to BS EN 755-9-2001.

Panels will be 199mm wide, strips interlocked to make selected widths.

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 9016 (30% matt)

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

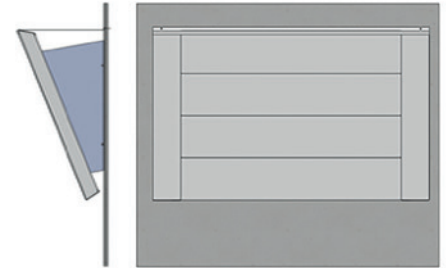
TB

For all Ceiling Grid (T BAR) applications



WM

Wall Mounting Applications



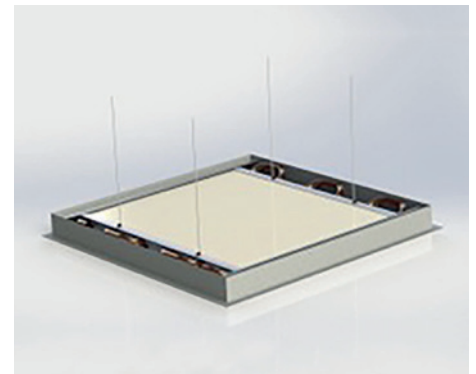
FH

Free Hanging Applications



PB

Plasterboard In Aluminium Frame



Contact us today
Our UK based facility will respond quickly

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Tel: 01143 210041