



Radiant Heating & Cooling

Solutions for the Health Sector

Radiant panels are ideally suited to the demanding requirements of hospitals and other health and medical centres.

With over 90 years' experience in manufacturing and installing radiant heating panels and the widest range of panels on the market, Solray's capability in the radiant panel market is second to none.

Based just outside Swansea, we design and manufacture our panels entirely in house. Our highly experienced design team will work with you to determine the best solution for your particular situation from a wide range of products and installation services.



Above, Trident ceiling panels at Morryston Hospital, Swansea



Above and below Trident ceiling panels at Queen Elizabeth Hospital, Birmingham



A wealth of experience to help you

We are uniquely well positioned to help you meet the key challenges presented by hospitals and other healthcare centres:

- ✓ **Design Flexibility:** Our panels are usually mounted onto or into ceilings or can free hang from ceilings where required. They can even be mounted in floors or walls. This flexibility is key to saving space for other services and uses. We can make panels to any shape, size and colour. This enables them to fit the specific layouts demanded by hospitals and healthcare centres.
- ✓ **Health and hygiene:** Our panels have no crevices or gaps and therefore don't present anywhere for bacteria to collect or hide. Being ceiling mounted they are out of the way and don't usually get dirty in the first place—but are very easy to clean when needed. They can even be powder coated with antibacterial coating where requested.
- ✓ **Efficiency and comfort:** Our panels warm occupants directly using radiant heat (rather than heating the air around people). This makes them both cheaper to run and more comfortable thanks to the lower air temperature. They also create no air draughts which minimises dust and particulate circulation—ideal for those with asthma or other respiratory concerns.

We can 'supply only' or 'supply and install' and guarantee both elements for ten years with the ability to extend the guarantee to twenty five years.

Solray radiant heating panels

Typically running on a LTHW heating circuit but also available for steam, electric or chilled water, Solray panels provide optimum heat distribution to deliver high performing panels while providing cost savings compared to convection heating.

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Registered In England No 01254878





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Recent hospital and healthcare projects have included:

- Queen Elizabeth Hospital, Birmingham
- Lister Hospital, Stevenage
- Worthing Hospital, Sussex
- Craigavon Hospital, Antrim
- Furness General Hospital, Cumbria
- Royal Preston Hospital, Lancashire
- Murray Royal Hospital, Tayside
- Stracathro Hospital, Angus
- Good Hope Hospital, Birmingham



Above Perimeter Panels at Worthing hospital



Above Perimeter Panels at Craigavon hospital



Above Perimeter Panels at Haslingdon Health Centre

Further resources to help you

A range of downloadable resources are available at www.solray.co.uk including our interactive Emissions Calculator and the full range of product data sheets.

We also deliver free 60 minute Continuous Professional Development sessions that are designed to provide a solid grounding in radiant heating, how it compares to other forms of heating, and key aspects to be aware of. Please get in contact to book a session.

The screenshot shows the Solray Ceiling Panel Emissions Calculator (Wallstar) interface. It includes a table of input parameters, a graph showing Emissions per area (W/m²) on the y-axis (ranging from 0 to 1000) versus Mean Water Temperature (°C) on the x-axis (ranging from 50 to 120). The graph shows a linear relationship between the two variables. To the right of the graph is a technical data sheet for Solray Trident, which includes a diagram of the product and a table of technical specifications.

www.solray.co.uk/resources

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