



COMMERCIAL  
RETAIL  
HEALTHCARE  
EDUCATION  
TRANSPORTATION



## Stelrad Radiator Specification

supporting efficiency  
in the built environment

# Why Stelrad?



## **A leader in radiant and convective heating with efficiency at its heart**

Stelrad is the UK's largest manufacturer of radiators; a business that has built a reputation for quality, efficiency and service across Europe. As part of the Ideal Stelrad Group, we offer the widest range of radiator styles and sizes in the UK, ensuring that there is always a product to meet the needs of your project.



# Supporting your system design through innovation and technical excellence

Offering the knowledge, expertise and technical know-how that our specification partners need is essential in delivering an exceptional package of support.

Combining this with innovative products, individual solutions and superior logistics means that we provide our specification partners with a unique proposition; one that delivers outstanding products alongside technical expertise and solutions designed just for your project.

Our aim is to help you to deliver superior environmental solutions that optimise building performance. We do this by providing you with a package of tools, support, products, manufacturing and innovation that only Stelrad can deliver.



# Efficient radiant and convective heating for modern buildings

Building performance is a key specification driver and the choice of environmental systems can make a significant difference to not only the energy efficiency of the building, but also the wellbeing of its occupants.

The combination of modern technologies with traditional radiant and convective heating delivers a positive contribution to the overall performance of a building, integrating localised control with renewable systems and modern building controls in commercial and public sector environments.

**A traditional solution for  
modern environments**



### Comfort and performance

When striking the right balance between comfort and performance, traditional radiators offer many benefits, optimising efficiency, whilst delivering localised comfort without the drying effects associated with air handling systems; essential for the wellbeing of a building's occupants.



### Integral part of the building services

Radiant and convective heating products play an important role in a building's integrated environmental systems, whether fed from traditional or renewable sources. When considering ambient room temperatures, efficiency and natural ventilation, a combination of technologies delivers superior environmental comfort and control.



### Traditional solution to modern problems

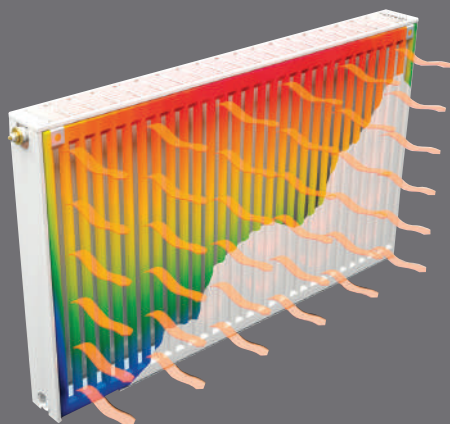
Radiators offer a solution that meets the needs of both modern and traditional buildings, whether new build or refurbishment. The aesthetic appeal and energy efficiency offered by modern radiators delivers the perfect addition to building and system design, whether as a feature or as the primary source of heating.

## Product innovation for better climate control

Since 1936, Stelrad has led the market in the innovation and design of heating technologies, with dedicated research and development facilities tasked with continually improving the energy efficiency and output of our products to meet the needs of modern building design. Through this process we have developed the expertise to support our customers in delivering superior systems and optimum solutions to their heating needs.

## Design that complements interiors

Design has always been an important factor for Stelrad in the development of our radiators, ensuring that they complement and enhance their environments. With a range of styles, shapes and formats to choose from, our radiators can be selected to either blend into your interior design or act as a feature piece.



## Complete local control

The simplicity of thermostatic radiator valves provides complete local control over environments, allowing temperatures to be adjusted to suit their personal needs. This improves comfort levels and ensures energy is only used when most needed. Combined with centralised zoning controls, the energy usage of the building can be regulated and adjusted accurately to improve efficiency.

## Specification support for optimum system configuration

Through years of delivering efficient heating solutions, across a wide range of sectors, our technical team has the knowledge and expertise to support you in achieving optimum system configurations to meet the needs of your projects. Working closely with you, we provide the advice and technical specifications to help enhance the efficiency of your building and environmental systems.



Flat Horizontal

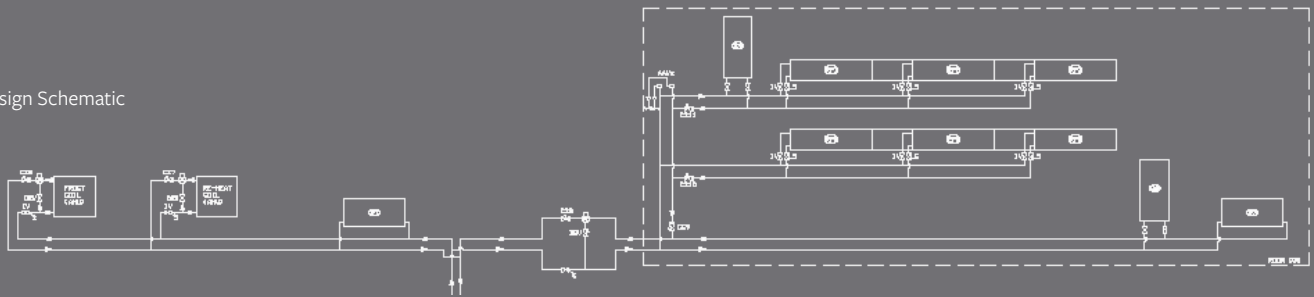
Flat Vertical

Line Horizontal

Line Vertical

Line Perimeter Lo Line

Design Schematic



## Individual solutions to suit your project needs

Being the UK's leading manufacturer of radiators we have the flexibility to provide specifiers with tailor-made packages to help you ensure that your systems operate to maximum efficiency. We also deliver to site to short lead times, with each product individually labelled to designate its location within the building, going the extra step to make your life easier, both in planning and on-site.

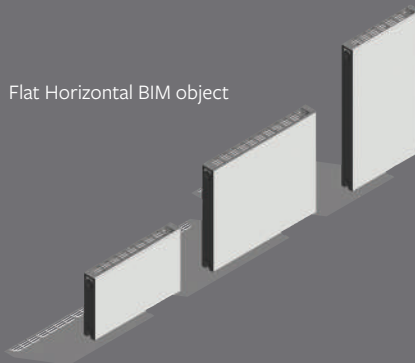
### Dedicated Technical Support

Our experienced and knowledgeable technical team is on hand to offer advice and support throughout your project, providing a range of services to help you optimise your system design. We also offer various tools, including BIM objects, drawings, specifications, technical information and imagery, to meet your project needs.

## Sustainable solution for modern building

Radiators offer a sustainable solution for the built environment, with low life-cycle costs and improved efficiency. Stelrad radiators have a lifespan longer than many other environmental control system components, thus minimising their life-cycle cost and minimising environmental impact. To complement this we also ensure that all packaging is from recycled sources to meet the requirements of our Sustainability Policy.

Flat Horizontal BIM object



## There's so much more to Stelrad

Dedicated Specification Support Team

Dedicated Technical Support

Individual service to suit your project needs

Range of specification tools, including BIM objects

Short lead times and delivered direct to site

Products individually labelled for building location

CPD training

Slim Tube Horizontal



Slim Tube Parallel



Oval Horizontal



Oval Vertical



Radical





# Flat

A stylish radiator with a completely flat panel for that minimal, contemporary look. Designed to complement any interior, this efficient and attractive radiator is available in 100 horizontal versions and 12 vertical versions, with a maximum output of 4901 watts. For an elegant and subtle look, the Stelrad Flat radiator is the perfect choice.



Flat Horizontal

Flat Vertical



Flat Horizontal



BIM

5  
FIVE YEAR  
WARRANTY

#### 100 Horizontal models

Heights: 300mm x 700mm  
Lengths: 400mm to 3000mm  
Outputs: 235 to 4901 watts, 802 to 16729 Btu/hr  
Types: FH11, FH22

#### 12 Vertical models

Heights: 1800mm to 2200mm  
Lengths: 400mm to 700mm  
Outputs: 1476 to 2961 watts, 5036 to 10103 Btu/hr  
Types: FV22



# Line



Line Perimeter Lo Line

Line Vertical



Line Horizontal



BIM

5

FIVE YEAR  
WARRANTY

#### 44 Horizontal models

Heights: 300mm to 600mm  
Lengths: 400mm to 2000mm  
Outputs: 235 to 3202 watts, 802 to 10928 Btu/hr  
Types: LH11, LH22

#### 24 Vertical models

Heights: 1600mm to 2200mm  
Lengths: 300mm to 700mm  
Outputs: 693 to 2772 watts, 2365 to 9458 Btu/hr  
Types: LV20, LV22

#### 8 Line Perimeter Lo Line models

Heights: 200mm  
Lengths: 500mm to 2000mm  
Outputs: 242 to 1228 watts, 826 to 4191 Btu/hr  
Types: LP21, LP22

# Slim Tube

A complete range of slim, flat tube radiators that offers flexibility and performance, with single or double and horizontal or vertical configurations. Offering outputs of up to 6,276 watts, these attractive and powerful radiators are ideal for small or large open areas, offering specifiers 132 possible configurations, including a low-level version for perimeter heating.



Slim Tube Vertical



Slim Tube Parallel



Slim Tube Parallel

Slim Tube Lo Line Perimeter



Slim Tube Double



**16 Lo Line Perimeter models, 2 heights & 8 lengths**

Heights: 144mm and 292mm  
Widths: 800mm to 2200mm  
Outputs: 530 to 2468 watts, 1808 to 8421 Btu/hr  
Types: STL

**51 Single models, 3 heights & lengths from 500 to 3000**

Heights: 440mm to 736mm  
Widths: 500mm to 3000mm  
Outputs: 382 to 3636 watts, 1303 to 12406 Btu/hr  
Type: STS

**51 Double models, 3 heights & lengths from 500 to 3000**

Heights: 440mm to 736mm  
Widths: 500mm to 3000mm  
Outputs: 673 to 6276 watts, 2296 to 21414 Btu/hr  
Type: STD

**6 Vertical models, 2 heights & 3 lengths**

Heights: 1800mm and 2000mm  
Widths: 440mm to 736mm  
Outputs: 780 to 1450 watts, 2261 to 4947 Btu/hr  
Types: STV

**8 Parallel models, 2 heights & 4 lengths**

Heights: 1800mm and 2000mm  
Widths: 320mm to 640mm  
Outputs: 872 to 1956 watts, 2975 to 6674 Btu/hr  
Types: STP

BIM

5  
FIVE YEAR  
WARRANTY

# Oval



Oval Horizontal

Create stunning design statements with our classic column radiator range, horizontally or vertically. Suited to both contemporary and traditional interiors, this stylish and beautifully finished column radiator changes the look of a space, whilst offering superior performance. Available in outputs of up to 2,972 watts, this is the perfect statement piece for any interior.

Oval Vertical



BIM

5

FIVE YEAR WARRANTY

## 54 Horizontal models

Heights: 300mm to 750mm  
Lengths: 444mm to 1870mm  
Outputs: 288 to 2972 watts, 983 to 10143 Btu/hr  
Types: T2, T3, T4

## 6 Vertical models

Heights: 1800mm to 2500mm  
Lengths: 352mm to 444mm  
Outputs: 868 to 1539 watts, 2962 to 5253 Btu/hr  
Types: T2



Oval Horizontal

# Radical™

At the forefront of innovation, Stelrad has developed the next generation in energy saving radiators, the Radical. As the first serial feed radiator this ground breaking solution reduces energy costs by up to 10.5%, delivering higher comfort levels at lower thermostat settings.

The Radical simply heats up quicker, allowing ambient heating to be more effective and reducing the impact upon the environment.

Testing shows that the Stelrad Radical energy saving radiator offers 1.5 times more radiant capacity, at 50% of the nominal flow (which offers 90% of the nominal heat output), compared to a traditional radiator.

Depending on the radiator size and type it is compared to, the Stelrad Radical energy saving radiator offers up to 50% more radiant heat.



Radical



#### 132 models

Heights: 300mm to 600mm

Lengths: 400mm to 2000mm

Outputs: 333 to 3234 watts, 1136 to 11034 Btu/hr

Types: K1, K2

CPD

BIM

10  
TEN YEAR  
WARRANTY



GreenbuildAWARDS  
Winner 2013



# Stelrad extended range



Elite



Softline

To complement our Specification Range we offer a complete range of additional radiator styles, designed and built to the same high standards. These include panel radiators, towel radiators and low surface temperature radiators, for environments where the temperature of heated surfaces need to be considered.

**For details of our complete range visit [www.stelrad.com](http://www.stelrad.com)**



STR



Caliente



Vistaline



Excel

# Stelrad extended range



LST iPlus



LST Plus



LST Standard



LST Vertical

...and many more



# We have it covered

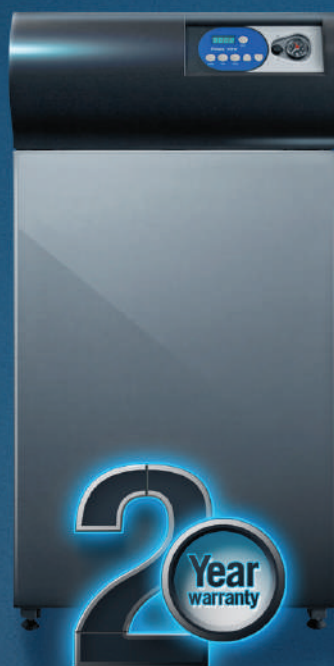
2 year warranty on all commercial condensing boilers



## EVOMAX

**30 - 150 kW**

- Wall hung
- Robust and light aluminium silicon alloy heat exchanger
- Up to 110% part load efficiency
- High 5:1 turndown
- Low NOx emissions <40mg/kWh for all natural gas models
- Quality product through design, component selection and proving
- LPG models 30 - 80 kW
- Built in hours run and frost protection
- Simple controls interface with large backlit display
- Optional frame and header kits
- Compact for easy installation
- Remote indication and 0-10 volt operation standard
- ECA listed



## IMAX XTRA

**80 - 560 kW**

- Floor standing
- Robust and light aluminium silicon alloy heat exchanger
- In-built commissioning and fault diagnostics
- Low NOx emissions <40mg/kWh
- Compact size - small footprint
- High 5:1 turndown
- Up to 107.5% net efficiency (fully condensing)
- Fits through standard doorways
- Remote indication and 0-10 volt operation standard
- ECA listed



## EVOMOD

**250 - 1000 kW**

- Floor standing
- Stainless steel heat exchanger
- Modular boiler benefits:
  - Heat maintained during service
  - Easier installation as lighter, smaller parts
- High modulation & close load matching (5:1 up to 20:1)
- Low NOx emissions (<40mg/kWh)
- Module sequencing as standard
- Single flue, system gas & electrical connections
- Quality product through design, component selection and proving
- Compact & minimum floor area
- Assembled & site assembly capability
- Remote indication and 0-10 volt operation standard
- ECA listed

For more information contact Ideal Commercial Heating: T: 01482 492251 E: [enquiries@idealheating.com](mailto:enquiries@idealheating.com)



BIM



Boiler-Gas.ru  
Перейти на сайт



Stelrad Radiators  
Head Office:  
Stelrad House, Marriott Road,  
Mexborough, Rotherham S64 8BN

London Office  
The Building Centre  
Store Street, London WC1E 7BT

info@stelrad.com  
01709 578950

[www.stelrad.com](http://www.stelrad.com)