

# RADIWARM®



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## RADIWARM®, where innovation meets warmth.

For more than twenty years, RADIWARM® has been designing and manufacturing electric radiators that combine traditional comfort with modern innovation. From our **RADIWARM® facility in Halifax, West Yorkshire**, we produce reliable, energy-efficient heating solutions trusted by homeowners, developers and housing providers across the UK.

Each RADIWARM® radiator is filled, sealed and tested on site, delivering the comforting heat quality of central heating with the flexibility and simplicity of electric power. Proudly made in Britain, our radiators are built to last—bringing natural, even warmth to every corner of your home.

Whether you're heating a single room or an entire property, RADIWARM® offers a **smart, sustainable alternative** to gas or oil systems—combining modern control, British craftsmanship and effortless installation.

**Daily Mail**

*As seen in the Daily Mail*



- > Made in Britain
- > 100% efficient at point of use
- > ZERO maintenance, no servicing required
- > Smart RF or app control options
- > Safe for homes and care environments





## A British innovation rooted in reliability.

RADIWARM® draws on decades of local engineering expertise to produce heating systems that are safe, stylish and built to last. The company has grown to become one of the UK’s leading names in electric radiators, supplying thousands of installations across domestic, commercial and social-housing sectors.

The **Signature range** delivers heat just like a traditional wet gas central heating system, with precise electronic controls and reliable high performance for modern homes.

The **Economy+ range** combines consistent warmth with a sleek, contemporary design, offering a clean, designer look that complements modern interiors while remaining practical and cost-effective.

The **LST (Low Surface Temperature) range** is engineered for safety-critical environments such as schools, nurseries, healthcare settings and supported living, with controlled surface temperatures and robust casings.

With a commitment to British manufacturing, sustainability and dependable service, RADIWARM® supports architects, developers, housing providers and homeowners seeking a modern, efficient way to stay warm.



**“RADIWARM® radiators deliver energy-efficient, comfortable heat within minutes—ideal for sustainable developments.”**

- Ron Beattie, EcoStessey Development



## One proven technology. Multiple solutions.

RADIWARM® offers a carefully structured range of electric radiators engineered around a shared core principle: delivering the comfort of traditional central heating using efficient, maintenance-free electric power.

Each product range is designed to meet the needs of different environments, budgets and safety requirements, while maintaining the same standards of reliability, performance and British manufacture.

Whether you are heating a single room, an entire home or a large multi-occupancy building, there is a RADIWARM® solution to suit your needs.

### Built around efficient heat storage

RADIWARM® radiators use internal heat-emitting cores — either water-filled or silica-filled — to distribute warmth evenly and maintain temperature with minimal energy input.

This stored-heat approach reduces cycling, improves comfort and helps lower running costs compared to conventional electric heaters.

## Clear options, simple choice.

The RADIWARM® range is divided into three main families:



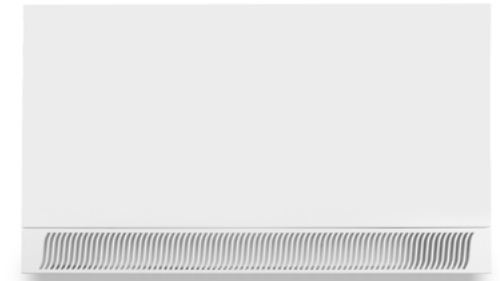
### Signature | Page 10

Premium water-filled radiators for Homes, Developments and Renovations



### Safe Touch LST | Page 12

Low-surface-temperature models for Care Homes, Schools and Nurseries



### Economy+ | Page 14

Efficient, silica-filled radiators for value-focused projects

## RADIWARM® Signature

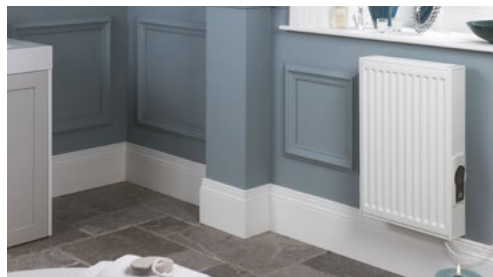
Elegant and powerful, the RADIWARM® Signature range delivers the best comfort of heating with precise, independent room control.

Featuring a slimline 100 mm depth and available in 400 mm and 600 mm heights, the range is manufactured in 8 sizes.

Designed for fast, hassle-free installation, Signature radiators are suitable for plug-and-play or fused-spur connection.



- > High Quality Product Not Dry Heat
- > Manufactured in Britain
- > ZERO Maintenance
- > Smart or RF Control Options Available



## Ready to deliver heat — right from installation

RADIWARM® radiators arrive ready to plug and play, removing the need for time-consuming preparation or specialist plumbing work.

No flushing, filling or commissioning is required. Once securely wall-mounted using the supplied safety brackets, the radiator connects directly to a standard electrical supply.

The result is the comfort of a central heating system without the complexity of gas. From first switch-on, RADIWARM® delivers consistent, reliable heat — with no warm-up delays and minimal ongoing maintenance.

This straightforward approach allows you to enjoy the comfort of a central heating system without the complications of gas. From the moment it's installed, the radiator delivers steady, dependable warmth — no waiting, no ongoing maintenance.



If you're unsure about sizing, our friendly team can help design your system.



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## Why water makes all the difference.

Unlike dry element or panel heaters, RADIWARM® Signature radiators use a **sealed water-filled system** that heats evenly from top to bottom, creating natural convection and radiant warmth. The result is heat that feels identical to gas central heating - consistent, comfortable and long-lasting.

Inside every unit, a high-efficiency heating element warms the internal fluid. Once the room reaches its set temperature, the radiator gently maintains the heat using minimal electricity.

There is **no maintenance**, just steady, reliable warmth whenever you need it.



**SMART ADAPTIVE START TECHNOLOGY AND WINDOW OPEN DETECTION MODE**



**TYPE 22 K2 STEEL SHELL FOR CLASSIC DESIGN AND PERFORMANCE**



**NO SERVICE OR MAINTENANCE REQUIRED**



**IP44 RATED / LOT 20 COMPLIANT / WET ZONE 2 APPROVED**

## Comfort. Control. Confidence.

RADIWARM® radiators bring together the best of traditional engineering and modern convenience:



**Natural, even heat** – water distributes warmth uniformly across the surface, eliminating hot or cold spots.

**Fast response** – reaches full temperature within 30 minutes, maintains temperature efficiently.

**Quiet operation** – no fans or mechanical noise, perfect for bedrooms or offices.

**100% Efficient at the Point of Use** – every unit of electricity is fully converted into comfortable, usable heat.

**Safe by design** – cool-touch models available for care environments, nurseries and public buildings.

# RADIWARM® Safe Touch LST

For schools, care homes and family settings

Engineered with a low-surface-temperature casing (<43 °C) to prevent accidental burns while maintaining consistent warmth. Ideal where safety is essential.



- > Same water-filled technology as Signature
- > Protective LST cover, durable powder-coated finish
- > Energy-efficient and silent
- > Complies with BS EN 60675 & NHS HTM guidelines



## Reliable comfort with built-in protection

Using the same proven water-filled technology as the RADIWARM® Signature range, Safe Touch LST provides efficient, silent operation with long-lasting thermal stability. The protective outer cover is finished with a durable, powder-coated surface, designed to withstand daily use in demanding environments.

Each radiator operates independently and installs quickly, offering a practical electric heating alternative that avoids the complexity and maintenance of traditional systems. With compliance to BS EN 60675 and NHS HTM guidelines, Safe Touch LST delivers peace of mind for specifiers, installers and end users alike. Whether installed in classrooms, bedrooms, corridors or communal spaces, RADIWARM® Safe Touch LST offers safe, dependable and maintenance-free heating, engineered for environments where wellbeing comes first.





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## Safety built into every detail.

From family homes to specialist care facilities, RADIWARM® prioritises safety at every stage. Each unit meets **BS EN 60675, CE and UKCA certification**, and is **electrically double-insulated** with overheat protection.

Our **Safe Touch LST** range maintains an external surface below 43 °C — ideal for care homes, schools and nurseries. Internal thermostats prevent overheating, and all components are rated for continuous 24-hour use.

### Checklist for peace of mind:

- > **Independently** tested for electrical and thermal safety
- > **IP44 splash-proof** for bathrooms (Zone 2)
- > **Low surface temperature** models available
- > **Child-safe and pet-safe design**
- > **Backed by a British quality-control process**

## RADiWARM® Economy+

**For value-focused homes, rentals and everyday spaces**

The RADiWARM® Economy+ electric radiator is a quick and efficient way to heat a room. Filled with high-grade silica, it heats up fast and stays warm, delivering comfortable, even heat without gas central heating.



- > High-Quality Silica Sand
- > Aluminium Extrusion - Built to Last
- > Zero Maintenance
- > Available in White or Anthracite



## Everyday comfort, made easy

RADiWARM® Economy+ radiators are manufactured from strong aluminium extrusion and filled with sand silica, combining the best of both worlds. Aluminium provides rapid heat conduction, while the sand silica fill retains warmth, delivering a steady, comfortable mix of radiant and convected heat.

The result is a slim, efficient radiator that disperses heat evenly and can be easily mounted on any internal wall. Available in a range of sizes and finishes, the radiator fits seamlessly into different room layouts, from living areas and bedrooms to home offices. Independent operation allows users to heat individual rooms as needed, helping manage energy use more effectively.





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## Modern Design. Engineered Performance.

The Economy+ range is engineered for **homeowners and developers** who want modern, designer heating without compromising on **quality or performance**.

Unlike most competitor radiators of this style, which rely on simple heating elements or flat panels, the Economy+ is constructed using **high-grade aluminium extrusion and silica sand**. This combination provides superior heat retention, even warmth, and exceptional durability, ensuring the radiator is built to last for years.

With its **sleek, contemporary appearance**, the Economy+ range complements modern interiors, offering a clean, minimalist aesthetic that suits any space. Each unit is equipped with premium electronic controllers, giving precise temperature management and **energy-efficient operation**. The range is also highly versatile, with 2 colour options to perfectly match a homeowner's style or interior design scheme.

In short, the Economy+ range delivers high-quality performance, modern design, and lasting reliability, making it a standout choice for those seeking a **designer radiator that performs as well as it looks**.

## Flexible Control Options

RADIWARM® radiators are designed to suit different lifestyles, installation requirements and levels of control. Choose from three control options, ranging from simple manual operation to fully connected smart heating.

### Manual Control

**Manual control provides a straightforward solution, ideal where simplicity is key.**

The radiator operates at a fixed output when switched on, allowing heat to be used only when required. While no target temperature can be set, this option offers reliable warmth with minimal setup and is well suited to occasional-use rooms, workshops or rental properties.

### Wireless RF Controller

**The Wireless RF Controller delivers greater comfort through zoned, temperature-controlled heating.**

Each radiator, or group of radiators, can be assigned to its own zone, with individual desired temperatures set for each room.

Up to six daily heating programmes can be applied per zone, allowing heating levels to match occupancy and usage throughout the day. Wireless communication removes the need for additional wiring, making this option ideal for both new-build and retrofit installations.

### Smart App Control

**Smart App Control offers the highest level of flexibility, combining room-by-room zoning with precise temperature control.**

Connected via Wi-Fi, each radiator can be individually adjusted, allowing different rooms to operate at different target temperatures at the same time.

Using a smartphone or tablet, users can create schedules, adjust temperatures remotely and make instant changes wherever they are. This option is ideal for homeowners seeking complete control, convenience and efficient, responsive heating.



Wireless RF Controller



Smart App Controller

**All controllers are compatible with each range, for the Economy+ and Safe Touch LST a controller is required, the Signature has manual control.**

## RADIWARM® Signature

Model	Height	Length	Depth*	Weight	Max Amps	Output kW
Signature Conservatory Models						
HE4100	400mm	1000mm	100mm	30kg	6.3A	1.100kW
HE4140	400mm	1400mm	100mm	40kg	8.3A	1.625kW
HE4160	400mm	1600mm	100mm	45kg	8.3A	1.840kW
Signature Standard Models						
HE6040	600mm	400mm	100mm	18kg	3.8A	0.383kW
HE6060	600mm	600mm	100mm	26kg	3.8A	0.790kW
HE6080	600mm	800mm	100mm	33kg	6.3A	1.138kW
HE6100	600mm	1000mm	100mm	40kg	8.3A	1.480kW
HE6120	600mm	1200mm	100mm	47kg	8.3A	1.900kW

## RADIWARM® Safe Touch LST

Model	Height	Length	Depth*	Weight	Max Amps	Output kW
Standard models with a low surface temperature cover						
HE6040LST	700mm	500mm	138mm	29Kg	4.0A	0.383kW
HE6060LST	700mm	700mm	138mm	35Kg	4.0A	0.790kW
HE6080LST	700mm	900mm	138mm	47Kg	6.5A	1.138kW
HE6100LST	700mm	1100mm	138mm	60Kg	8.5A	1.480kW
HE6120LST	700mm	1300mm	138mm	70Kg	8.5A	1.900kW

\* Once installed radiators stand approximately 140mm away from the wall for standard units and 178mm for safe touch (from wall to front of unit). Based on 240v AC

## RADIWARM® Economy+

Model	Colour	Height	Length	Max Amps	Output kW
Economy+ Standard Models					
EV6050	White	565mm	486mm	2.3A	0.560kW
EV6050A	Anthracite	565mm	486mm	2.3A	0.560kW
EV6070	White	565mm	648mm	3.5A	0.84kW
EV6070A	Anthracite	565mm	648mm	3.5A	0.840kW
EV6080	White	565mm	810mm	4.7A	1.120kW
EV6080A	Anthracite	565mm	810mm	4.7A	1.120kW
EV6100	White	565mm	972mm	5.8A	1.400kW
EV6100A	Anthracite	565mm	972mm	5.8A	1.400kW
EV6120	White	565mm	1134mm	7.0A	1.680kW
EV6120A	Anthracite	565mm	1134mm	7.0A	1.680kW
EV6130	White	565mm	1296mm	8.2A	1.960kW
EV6130A	Anthracite	565mm	1296mm	8.2A	1.960kW
Economy+ Conservatory Models					
EC4100	White	390mm	972mm	5.2A	1.250kW
EC4100A	Anthracite	390mm	972mm	5.2A	1.250kW
EC4120	White	390mm	1134mm	6.3A	1.500kW
EC4120A	Anthracite	390mm	1134mm	6.3A	1.500kW

## Bring Warmth to Every Room, Without the Hassle.

Tired of cold spots in your home? Adding radiators on to a traditional gas system can be tricky, it usually means chasing pipes through walls, tearing up floors, lifting carpets, and creating dust and **disruption** throughout your home. It's expensive, time-consuming, and stressful.

With RADiWARM®, there's a better way. Our water-filled electric radiators can be added to your existing system quickly and cleanly - no pipework, no floor disruption, no mess.

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### Perfect for:

- > Homeowners + Landlords
- > Extensions & Renovations
- > Attic Conversions
- > Games & Media Rooms
- > Mancaves & Home Offices
- > Garden Rooms & Modular Buildings
- > Retrofit Projects



## Flexible heating for every space.

RADIWARM® fits anywhere you need reliable, controllable warmth — from modern apartments to listed cottages. No pipes, no boiler, no disruption.

### Ideal applications:

**Homes & renovations** – upgrade outdated storage heaters easily

**Apartments, flats & new builds** – quick installation, no gas requirement

**Extensions & lofts** – perfect for areas not connected to central heating

**Conservatories & garden rooms** – compact models maintain year-round comfort

**Care homes & schools** – Safe Touch LST range for peace of mind

**Commercial & social housing** – low-maintenance, SAP-improving solution

We also provide BIM modelling for all RADIWARM® products, helping designers, architects, and contractors streamline planning, improve coordination, and integrate our solutions seamlessly into any project.

**“RADIWARM® radiators save our tenants at least £260 a year in heating costs and have improved our SAP rating.”**

– Jim Bett, Fife Housing Association

## Flexible heating for every space.

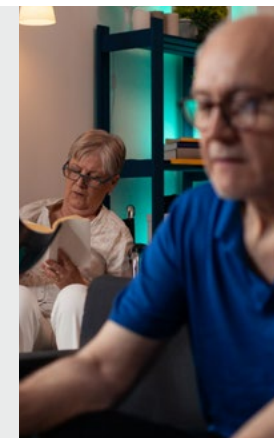
### **CPL Developments, Lincoln**

60 luxury flats fitted with 224 RADIWARM® radiators. "The heat output in such a short time is excellent — installation took half a day per flat."



### **Pilgrim Homes, Mirfield**

195 Safe Touch LST radiators installed for elderly residents. Surfaces stay below 43 °C — safe, efficient, low running costs.



### **Ecotessey Eco Homes, Norwich**

22 eco-houses built to BREEAM standards used RADIWARM® radiators powered by renewables, achieving zero-carbon heating.



### **Fife Housing Association, Scotland**

Replacing storage heaters lifted SAP ratings from <50 to 64 and cut tenants' energy bills.



## What our customers and homeowners say



### Shipley re-furb

Great service from quote to order to delivery.  
Excellent product; looks, feels and acts like a normal radiator.  
Wouldn't hesitate to purchase again or recommend to others.



### Radiwarm, exceptional company

Radiwarm is a very professional company with knowledgeable helpful staff. It is a delight to be guided through the various stages of which Rad would be best for my circumstances, the ordering process and the delivery process. The product is of a very high quality and I would highly recommend this company and product to anyone. 5 big stars.



### A great product with awesome control features

Replaced 4 storage heaters with the Signature range radiators and the Smart controller with 4 zone thermostats back in 2020 in my elderly mums retirement apartment. Fantastic! Mum is always warm and her energy bills are much reduced as the apartment can be warm when it is needed. The Smart App is great as I can monitor her zone temperatures remotely and make any adjustments necessary. A great product all round.



### Fantastic product!

We have a RadiWarm radiator in our conservatory, and it's fantastic! It's great at warming the space quickly and is really economical (looks good too).

Much better than the old heater we used to have, and solves a problem in a space where we can't pipe in a radiator from the central heating. I will be recommending these to my parents who don't have central heating or gas in their home. Would make sense for them to use & save them money.



### This product is marketed as a great...

This product is marketed as a great heating solution if you don't have an installed boiler system already or it is not practical or convenient to use the above where you need the heat. The latter in my case as I needed to heat a garage/gym/bar but only occasionally so this seemed the perfect fit! All I can say is it's the best thing I've bought in a long time, efficient, super easy to use and above all else toasty. Highly recommended.



### New Radiators

The service, communication and promptness with delivery was exceptional. The heaters look modern and certainly a huge improvement to what we had with a price which was more than competitive. Whilst not having them on for an extended period (Summer) they certainly generate a significant amount of heat. Individual thermostats available which can also be regulated whilst away from home through wi fi. Highly recommend.



## Plan your heating in minutes.

The number of radiators you need depends on your rooms' size and layout.

Use this quick guide to estimate your system requirements.

Property Type	Approx. Radiators	Indicative Supply Cost*
2-bed Apartment	5 - 6	£2,500 - £3,000
3-bed Apartment	6 - 8	£3,000 - £3,800
3-bed House	8 +	£3,800 - £4,200
4-bed House	8 - 10	£4,000 - £5,000

\* Including delivery; installation excluded

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## Warm homes, smaller footprints.

RADIWARM® products are designed and manufactured in Britain using **high-grade recyclable steel** and sealed water-filled systems that last for decades. With **no fossil fuels, flues or emissions**, every radiator runs 100 % efficiently at point of use, converting all electricity into usable heat.

Designed to minimise waste and maximise product lifespan, each unit is built for long-term performance and rigorously tested at our Halifax facility to ensure lasting reliability. When paired with renewable power, RADIWARM® offers a zero-carbon heating solution for modern living.

### Highlights:

- > **100 % efficient at point of use**, zero local emissions
- > **Built to outlast** traditional systems
- > **Fully recyclable** shell and core materials
- > **Works perfectly with solar PV** and green tariffs
- > **Proudly manufactured and assembled in the UK**



## Working with leading organisations.

We work closely with architects, specifiers and contractors to design heating solutions that meet each project's efficiency and safety requirements.

Our in-house design team provides layout advice, heat-load calculations and technical drawings to streamline approval and installation.



**RADiWARM® supplies developers and institutions nationwide, including:**

**Dandara Homes | BUPA | Persimmon Homes |  
Vistry Group | HSA (Hydronic Systems Australia)**



## Let's plan your perfect heating system.

Whether you're upgrading your home, refurbishing a care facility or designing new housing, our team is ready to help.

Book a free consultation and we'll calculate the ideal radiator sizes and layout for your space — no obligation, just expert advice.

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