

Church Heating from

Electric
Heating Solutions
www.electriceatingsolutions.co.uk



About Electric Heating Solutions (UK) Ltd

Electric Heating Solutions is a family-run business with over 30 years experience in heating intermittently used and difficult to heat buildings.

Church heating has proved to be the majority of commercial buildings that we have been involved in heating but we have also heated aircraft hangers, large warehouses, factories and boat repair premises. We also specialise in heating museums, large showrooms and spot heating key workstations.

Our exclusive infrared range of short wave radiant heaters are manufactured in the UK. Electric Heating Solutions administration is based in Cheshire with offices in the Midlands and the North West.

We offer a Free Design service for all electric heating projects - domestic, commercial or industrial with free on site visits and demonstrations. We will quote to supply and install (by NICEIC / ECA) registered contractors or supply only.

Our speciality is the heating and lighting of churches large or small, we understand the importance of efficiency, effectiveness, economy of use and the aesthetic impact on listed buildings. We work closely with architects, heating advisors and church members to agree on the right system for your church.

We have successfully heated churches in England, Scotland (including the islands) Wales, Northern Ireland and even France.

You can contact us with confidence that our advice, design and quotation will not cost you a penny.



Church Heating

The heating and lighting of places of worship including church heating often for shortish periods of time, needs care and consultation with both members of the church or chapel and aesthetic consideration. Running costs are very important as well.

EHS has many years experience of site visits by invitation, to churches large & small, town & rural and have built up a very good reputation for reliability and expertise in offering a combination of electrical heating products that are right for your heating requirements.

All of our products are designed to be effective, efficient, silent in operation and economical to use. We have reduced heating costs by 50% compared with their previous system.

We offer a full range of products including chandeliers, wall mounted infrared heaters, church pew heaters, air curtains and storage heaters. We are the experts in church heating.

Benefits of Electric Heating

Modern electric heaters are very efficient and economical to run, modern distribution allows cheap rate electricity at various times of the day as well as midnight to 7am in the morning.

There have been significant developments in electric heating in the last few years and modern electric heaters incorporate highly sensitive, very accurate integral thermostatic controls (to 0.1°C) to regulate the use of electricity whilst still maintaining a comfort level in the building.

They are silent in operation and virtually maintenance free compare with gas or oil products which require regular maintenance to stay effective and efficient.

Electric heating doesn't require a flue or pipe-work, so there are no restrictions on building layout or design. Electric heaters can also be installed virtually anywhere in the room, again aiding freedom of design.

Whatever type of heating you specify; safety is always an important consideration. Because electric heaters do not burn fuel internally to generate heat, there are none of the associated safety risks, such as carbon monoxide poisoning or explosions.

Maintaining a heating system can, depending on the choice of fuel, add significantly to the overall cost of running the system, so it is very important to consider the likely impact of maintenance costs and any safety checks requirements. With virtually no moving parts to break down or wear out, electric heating is extremely reliable and there is practically nothing to go wrong. Gas boiler based system on the other hand should be regular serviced and should be given an annual safety check.

We have often reduced running costs by 50% or more compare with wet systems in intermittently used buildings.

Chandelier Heating



Electric Heating Solutions specialising in electric heating solutions for all places of worship has created a series of 'chandelier' style infrared heaters that are integrated with a wonderful and ambient lighting system as well.

The 'chandelier' system is now proving to be very popular thanks to its infrared technologies that have evolved from EHS's own infrared heating systems. This system has been taken and designed in keeping with the heating and lighting requirements of a church building. Infrared heat will radiate without any detrimental effect from drafts and will only heat the subjects within the radial diameter of the lamps fitted in each chandelier spectrum, so not only is it very targeted it is also exceptionally cost-efficient. Couple this with suitably designed 'chandelier' low energy lighting and you have an incredibly effective heating and lighting system with all wiring done together that looks stunning. Lighting and heating is separately controlled

EHS will quote for part or complete heating systems by qualified NICEIC / ECA installation.

It is the experience that the company boasts in the combination of lighting and heating of churches that stands it aside from the competition. EHS understands the importance of valued listed buildings of all types and are happy to work with and alongside historical and heritage organisations.

For more information please visit www.chandelierheating.co.uk





- Chandeliers from 4.5 to 18kW (with or without lighting)
- A range of chandelier RAL color painted body
- Often lower installation costs and lower running costs compared with boiler systems
- Immediate effect (up to temperature in 1 second)
- Short pre-heat required usually maximum 30 minutes
- Dry heat does not heat the air or cause condensation, they do not lose efficiency to damp or moist atmospheres
- Completely silent in operation
- Virtually no maintenance
- Average lamp life of 5000 hours (5 year warranty)
- New Gold lamps give low-glare and no colour on floor (or candle colour lamp available)
- No fumes or smell, Instant warmth
- Many Designs and Power Ratings Available
- Also available is a wall mounted half chandelier to match the design of corresponding overhead chandeliers
- These spectacular chandeliers will give you a warm, comfortable church and can help to reduce your heating costs by up to 50%
- Ideal for suspending from the arch to give all round heat in nave & aisles, or from apex of the roof, if no side aisles
- Chandeliers terminate at 3.5m from the floor which gives a comfortable warmth and good quality reading light

Infrared Heating



Because hot air rises, conventionally heated tall buildings will lose most of their heat up in the ceiling where it's of little use to the occupants. EHS radiant heaters counter this problem. They work by heating objects rather than the air, so people quickly become warm without wasting energy.

EHS short wavelength infrared heaters work instantly (up to temperature in 1 second), so there is no lengthy warm up period. This is a particularly significant benefit in intermittently used buildings, like churches or village halls, where great cost savings can be made by turning on the heating only when the buildings are occupied.

Some types of heating can cause damage to ancient buildings, their furnishings and artwork. The Wall Paintings Conservation Department of the Courtauld Institute concludes that short wavelength infrared is the kindest type of heating for ancient wall paintings. This is because it does not heat the air in a way that might cause drying out problems.

Electric heating is often the only option available to many remote churches and heritage buildings, because of the absence of natural gas. The good news is that electrically powered heating is comparatively cheap to install and significantly cheaper to run than say gas or oil. EHS heaters combine instant warmth with low, calculable running costs. And since pre-warming the building for hours will not be necessary, there is virtually no energy wastage.

EHS heaters emit an off-white pink light at full output generally found very welcoming and supplementary to existing lighting. Older generation quartz halogen heaters and inferior models that do not use such advanced heater elements tend to emit an unpleasant red glow. The output can also be lowered by way of dimmer controls to suit the comfort level required.

EHS solaire heaters have fixing holes in the back box for just 2 screws to mount to a wall. They should be set at an angle of around 45 degrees to avoid heating just the tops of heads.



- High frequency infrared heaters
- Instant controllable heat (1 second) from switch on
- Simple, energy efficient and flexible
- Con-focal extruded reflector gives best focused heating performance
- Economical to run (no pre-heat required)
- High Quality British Manufactured Product
- Manufactured using Mild Steel
- Boxes can be painted to any RAL colour if required (P.O.A), white or black as standard
- Perfect heating solutions for churches
- Average lamp life of 5000 hours (5 year lamp warranty)
- Virtually no maintenance
- Completely silent in operation
- Dry heat - does not heat the air or cause condensation
- Lower installation costs
- Sunshine Quality Heat without the UV
- Mounting height 2m to 8m (depending on model)
- Environmentally friendly
- Optional wire guards
- CE Approved
- 5 year guarantee
- 94% efficient at converting electricity into energy
- According to Philips lighting technical department the lamps are benign to both people and buildings.



Under Pew Heating



Having been involved in successfully heating churches and places of worship all over the UK for more than 30 years with our short wave radiant heaters, we were often asked about replacing old inefficient tubular heaters fitted to the bottom of the rear of a pew or under the seat. It was about 10 years ago that a heating advisor to a large Diocese, that often recommended our radiant heaters, noticed a panel convector heater in our literature that we supplied for use in conservatories, apartments, bedrooms etc in domestic situations. He found that it fitted neatly under the seat or pew and could be fixed with its lightweight bracket to the back of the pew or using feet to the floor. It produces warm air to the underside of the pew seat, which then disperses and drifts around the legs and body of the person seated in that pew.

Long pre-heating is not required therefore running costs are low. They are completely silent and are available in various wattage from 250W-1400W to suit all sizes of pews. Currently available in black with no controls.



This system is proving very popular and there will be an installation near you. They can be used in conjunction with Solaire radiant heaters for a very effective “High and Low” system.



- No guards required
- Controlled through a simple timer-control to switch the system on or off to your requirements.
- Fits neatly under the pew fixed to rear wooden support
- Feet available if no rear support
- Complete with separate Wall Bracket
- “Swan neck” Frontal Air outlet drifts warm air under pew & across feet & legs
- Superb alternative when the electrical supply & funds are limited
- Very user friendly / no sharp edges
- Direct heating to the seated congregation
- Low Energy Consumption
- Overheat Protection fitted inside each heater
- Used by Churches on a regular basis
- Great for area with limited wall space
- Models range from 250w to 1400w
- Easy to blend as black or white in colour
- The white pew heater has a thermostat & is fitted with On / Off Switch

Rating	Voltage	Height	Length
250	230V	180mm	377mm
500	230V	180mm	700mm
750	230V	180mm	944mm
1000	230V	180mm	1324mm
1400	230V	180mm	1799mm

Energy Efficient Radiators



Farho heating products have been available in the UK for 5 years, and with our growing network of approved installers Farho is fast becoming the No 1 choice for low cost electric heating.

Farho was initially launched as a replacement for storage heating, but as more contractors and end users became aware of our product range it fast became a solution to many heating requirement, in most situations be it domestic or commercial, Farho range has the solution.

FURTHER BENEFITS

- ✓ Farho radiators work on natural convection and radiated heat, they do not burn the oxygen in the room, they do not burn the dust particles in the room which tends to cause a distinct smell and causes stains on the wall above the heaters. In short it is a much healthier environment when you use Farho.
- ✓ Typically you can expect the total required load of an installation to be 50% less than storage heating, thereby halving electricity requirement.
- ✓ Electric energy is 100% efficient at the point of use, and with the focus on renewable energy generated, electric energy will show even greater reductions in CO2 emissions over the life time of your Farho heating system.

- User friendly state of the art digital thermostat
- Lighted operation switch
- LED Temperature display
- Constructed with the highest quality aluminum, complete with a modern white epoxy finish.
- FARHOIL thermal fluid technology
- Requires no maintenance
- 10 Year Warranty
- Safety heat limiter
- Supplied with wall bracket kit
- 330w - 2000w power
- Easy to install design that requires no pipes, plumbing or boiler



Panel Heaters



Our modern panel heaters are a popular choice for the hall, small rooms, kitchen and toilet area's of churches, customers who demand stylish, space saving and efficient electric heating systems at a reasonable price. They have very accurate thermostats (to 0.1°) for economy of use and carry a 5 year warranty.

They are also cost a effective way to extend an existing heating system when buildings are being refurbished or when adding new rooms to reduce running costs, good controls are essential and EHS can recommend the all models feature accurate thermostatic controls, either mechanical or electronic thermostats.

Frontal air outlet projects the heat out into the room and the same time reduces the risk of sooty marks on the wall. The heaters are child friendly and have no sharp edges. EHS panel heaters are also safeguarded against overheating.

Quality controllers allow you to heat your church simply, economically and efficiently.

We have a huge choice of panel heaters to meet with the requirements and we can discuss with you the best type for the areas you are looking to heat. EHS can advise the correct size and controls that you will need.

Storage Heaters



Storage heating earned a mixed reputation over the last few years due to the number of old ineffective models installed in the 1970's and 80's that did not retain the stored heat and often charged during the daytime at high rates.

The modern storage heaters offered by EHS are manufactured in Germany by a company that specialise in Storage Heating, is over 100 years old and offers very efficient models that are very economical to run from off peak electricity (often these rates are now available in the daytime as well as 12am to 7am).

We offer domestic models 0.85kW to 3.4kW with a 10 year warranty and commercial models from 2kW to 7kW for churches, offices etc.

All modern storage heaters will discharge their stored heat over a 17 hour period and can be controlled thermostatically, temperatures in rooms can be boosted quickly via very quiet fans if required. They are excellent where a constant temperature is required to protect a building fabric when empty and that can be boosted quickly when the building is occupied.

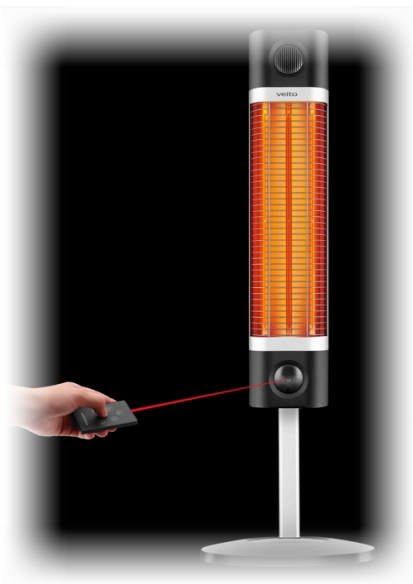


Portable Heating



To supplement our Infrared, chandelier and under pew installations in churches, we have a small range of portable heaters using the same technology but can be used in areas that have no heating (vestry, meeting rooms etc). They are easy to use, have variable control, anti tilt protection and a simple lead and plug in connection (13 amp socket).

EHS can also supply many portable heaters including; convector heaters, oil filled radiators, fans and many more. If you need advice on what would be best for both the area and safety of your congregation please contact us where we are more that happy to help.



Free Consultation

Electric Heating Solutions (UK) Ltd offer a free site visit with no obligation.

After our visit we will provide you with a comprehensive report on our recommendations together with the cost of supply and installation to the latest UK/EU electrical installation specification or for supply only.

We are proud of our reputation as a family business with more than 30 years experience in heating churches, village halls and other difficult to heat buildings.

Within our company we have personnel who have experience of designing electric heating schemes for churches and all over the UK, including Northern Ireland and France.

There will be a church not far from you that we have supplied, if you would like to talk to one near you just ask!

Email us direct to enquiries@electricheatingsolutions.co.uk or telephone us on 0800 978 8571 where we are waiting to take your call.

For a full range of our products please visit:

www.electricheatingsolutions.co.uk & www.chandelierheating.co.uk

Testimonials

St Margarets, Kings Lynn

The installation (at what is now King's Lynn Minster) was completed in the Spring of 2011 and the response has been entirely positive. The visual impact has been welcomed; an enhancement to the fairly austere interior has been the common response. The chandeliers look attractive and the heaters within them are not noticed, except by those who look for them. We have come through an exceptionally cold winter and have found the heating has met our needs perfectly. The church feels warm as you enter the heated space and remains comfortable during a service lasting an hour or more. Seated in the nave pews, the congregation receive radiant heat from 2, 3 or even 4 directions which avoids the sense of being heated one side and frozen the other (as when sitting in front of a roaring log fire!) Those members of the congregation who had some reservations about the installation have been entirely won over. In short we are entirely satisfied, for us it's been a job well done and an excellent result. I'm very grateful to the team at Electric Heating Solutions for all their help

Canon Christopher Ivory King's Lynn, Minster

St Mary's Llanfair Waterdine

Finding ourselves in the position of having to replace heating and lighting in our Church, we were introduced to Electric Heatings Solutions UK Ltd. We chose their chandelier system, with heating and lighting combined - a bold decision as we had not seen an example - but we felt this system would be aesthetically more pleasing on the eye and less wiring to cause problems. We 'switched on' at our Crib Service on Christmas Eve - everyone was delighted with the overall appearance and effectiveness and hopefully with resultant lowering of electricity costs.

Ruth Davies, Church Warden

St Mary's Whitchurch on Thames

"John Francis of Electrical Heating Solutions has provided St Mary's Church, Whitchurch on Thames with electrical pew and infra red heaters to the chancel and Nave areas. The 500w and 250w under pew heaters are complemented with high level 3kW Solaire heaters which allow instant heating when either switched on manually or set with timers. These heaters are efficient and heat people rather than cause condensation and deterioration to the building structure. The pew heaters are unobtrusive and high level heaters blend into the existing structure and display a soft glow red light which adds to the general ambience and comfort of the worshippers. We find that this system is an economical way to heat a church building, particularly with a large volume of space. We also anticipate a reduction in our heating bills as we have replaced an obsolete and expensive-to-run tubular heating system. John Francis's advice and delivery has been excellent and value for money. I have no hesitation in recommending EHS services to any other church."

Peter Ferguson, Church Warden

Filby All Saints Church, Filby

Filby All Saints Church has faced many problems trying to get a viable solution in the matter of heating. Storage heaters were tried under advice, which proved to be very expensive to run. Visits to other Churches in the area convinced us to apply to Electric Heating Solutions for the answer. The recommendations from EHS were to fit quartz heaters to the walls at the designed height and under pew convector type heaters to each pew (two per pew 500w each). This system has proved to be very satisfactory and economical to run. The service from EHS has been excellent, helpful and friendly.

P.W.Chapman, Church Warden

Wiggenhall St Mary Magdalene

The light and heat in the Nave from the new chandeliers is far better than we have had in the past and people are unbuttoning their coats. Everyone has been very impressed with the look of the new lights in the Nave as well as the warmth they give us. We were able to have a children's holiday club the Saturday before Christmas and it was nice and warm in the south aisle. Also after a service when we have teas people stand and hang about as they do in the summer. The heaters have meant that for the first time we can have a shrove Tuesday pancake party and then every Tuesday during lent a lenten lunch has been excellent, helpful and friendly.

Alan Sherfield, Church Warden



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