



De-stratification is recommended
by The Carbon Trust*

AIRIUS IN CHURCH & COMMUNITY BUILDINGS

Save 20-50% on heating & cooling
costs with Airius - **The world leaders**
in De-stratification technology



Web: www.airius.co.uk

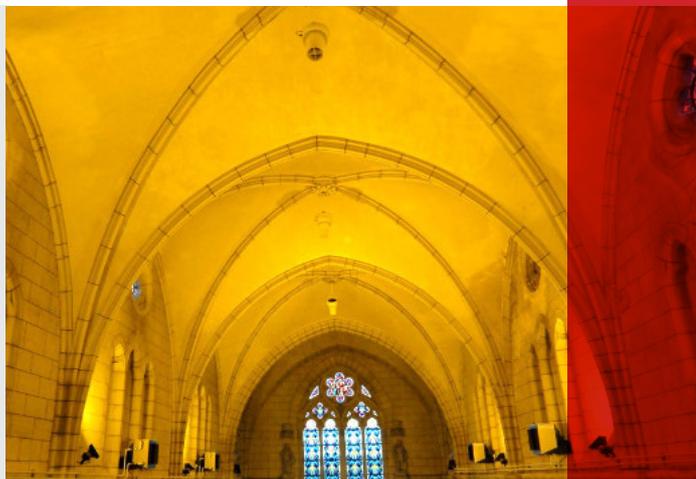
Tel: 00 (+44) 0 1202 554200



Religious & Community

Heating makes up the bulk of energy costs for the majority of churches and religious buildings. Problems with inadequate heating and insulation, together with high ceilings and rising energy costs makes this a key issue for most Church, Mosque and Synagogue communities.

Airius award winning destratification technology significantly reduces these heating costs, whilst increasing comfort levels for congregations by gently recirculating the heat which rises to the ceiling back down to the floor, keeping the heat where you need it and reducing heating system running costs by 30% on average.



Features & Benefits

- **Vastly improved comfort levels all year round**
- **30%+ reduction in heating costs**
- **25%+ reduction in cooling costs**
- **25%+ reduction in carbon emissions**
- **Rapid ROI - Usually 12 - 24 months**
- **Ultra-quiet avoiding noise disturbance**
- **No uncomfortable draughts**
- **Reduced building heat up time**
- **Can be custom painted to match environment**
- **Condensation reduced or eliminated**
- **Significantly reduced HVAC maintenance costs**
- **Works alongside ALL types of HVAC systems**
- **Minimal running costs (from £6/pa)**
- **Eligible for carbon reducing grants/loans**

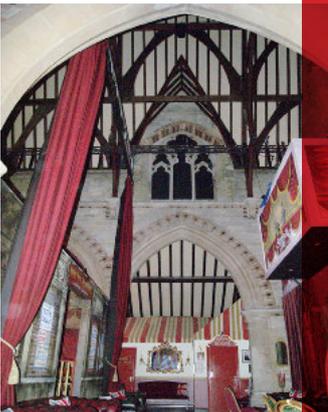
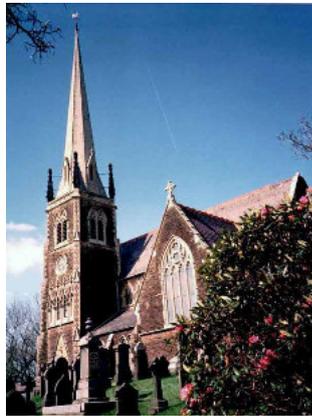
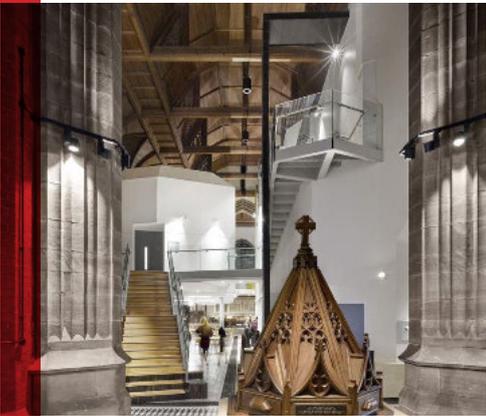


The warmest place in most buildings of worship is at the ceiling, where heat rises and accumulates, leaving key areas such as the pews insufficiently heated. In most cases this heat then escapes through the roof because of poor insulation and leaky, antiquated roof structures. This has the effect of not only leaving the congregation, especially the elderly, feeling cold despite the heating being on (often at full capacity), but this also costs much more than is necessary to effectively heat the building.

Airius destratification fans are designed to continuously recycle and recirculate this rising heat back down to the floor through a narrow column of air, which avoids causing any uncomfortable draughts. It then spreads out in 360° throughout the space, blanketing along the floor and underneath any obstructions, before rising up again to be recirculated.

This reduces heating and cooling costs and CO₂ emissions by up to 30%, in some cases significantly more, making it the ideal solution to improve the comfort levels in your place of worship, whilst significantly reducing your energy costs and CO₂ emissions.

Installation Images



Listed Building Installations

Airius destratification fans have been installed into grade I, II* and II listed buildings for numerous clients. The installation process is extremely simple and can be carried out in a short space of time. The units can also be colour match painted to blend in with their surrounding environment. Please see below for a sample of our listed building installations to date:

St Michael the Archangel Parish Church (South Gloucestershire)

- Grade I Listed Building
- www.britishlistedbuildings.co.uk/en-35085-church-of-st-michael-winterbourne-#.VXRQRdy-1cY

Parish Church of St John the Baptist (Wittersham)

- Grade I Listed Building
- www.britishlistedbuildings.co.uk/en-180486-parish-church-of-st-john-the-baptist-wit#.VXmFwty-1cY

Church of St Laurence (Hawkhurst)

- Grade I Listed Building
- www.britishlistedbuildings.co.uk/en-169714-church-of-st-laurence-hawkhurst-kent#.VXmGG9y-1cY

St Mary's Church (Rolvendene - Kent)

- Grade I Listed Building
- www.britishlistedbuildings.co.uk/en-180300-parish-church-of-st-mary-rolvenden-kent#.VXmJANy-1cZ

Brick Lane Music Hall (London)

- Grade II* Listed
- www.britishlistedbuildings.co.uk/en-204952-former-st-mark-s-church-brick-lane-music

Coylton Parish Church (South Ayrshire)

- Grade B Listed (Scotland)
- www.britishlistedbuildings.co.uk/sc-1064-parish-church-#.VXRtEQty-1cY

Christ Church (Weston-Super-Mare)

- Grade II Listed
- www.britishlistedbuildings.co.uk/en-33219-christ-church-weston-super-mare-#.VXR0a9y-1cY

Source: www.britishlistedbuildings.co.uk/

Additional Listed Building Installations

- **St James the Less** (Iron Acton, Gloucestershire)
- **St Peter & All Hallows** (West Huntspill, Somerset)
- **Richmond Methodist Church** (Richmond, North Yorkshire)
- **St Mark's Church** (Levenshulme, Manchester)
- **St Mary's Church** (Frittenden, Kent)
- **United Church** (Ramsgate, Kent)
- **All Saints Church** (IMitcham, Surrey)

- **GRADE I LISTED**
- **GRADE I LISTED**
- **GRADE II LISTED**

Client Testimonials



*Stanford Parish
All Saints Church*

“

We think the Airius product speaks for itself!

”

"We are a very small rural church with an ancient oil-fired heating system. We have now gone through our first winter with the Airius fans in place. The temperature in the church with the fans running is more even, the church feels warmer now that we "harvest" all that heat in the roof and the fans are very economical to run. **We have kept the congregation from freezing and managed to reduce the boiler burning time by about 25%.** We think the Airius product speaks for itself!"

Peter Hill - Director of Facilities

“ The fans have eliminated hot & cold spots making the area more comfortable for our visitors. ”

John Pounds Church
home for Portsmouth Unitarians



"I know from my own experience that **the fans work exceptionally well pushing the heat back down to where the people are!** The Airius fans have eliminated hot and cold spots making the area more comfortable for our visitors. Airius were a pleasure to deal with!"

Janet Ayres - Facility Manager

richmondmethodistchurch

“ The Airius fans have improve[ed] the air flow within the church giving excellent results. ”

"We decided to use Airius destratification fans to improve efficiency, draw down warm air from the 8 metre high roof space in winter and also circulate air during the summer. We had double glazed all external windows to reduce traffic noise, which had reduced air movement resulting in internal temperature rising to uncomfortable levels in summer. **By installing the Airius fans we have managed to improve the ventilation air flow within the church giving excellent results. The noise generated by the Airius fan units is minimum and very acceptable!**"

Peter White - Church Property Steward

“ The Airius Fans keep people warmer and at the same time keep our heating costs down. ”



"All Souls Bolton is a fabulous restoration of an 18th century gothic revival, grade II* listed church in Bolton. As with any old building keeping heating and maintenance costs low is critically important to our long term sustainability. **The Airius Destratification Fans play a key role in recycling warmer air at high level in the building back down to lower levels, keeping people warmer and at the same time keeping our heating costs down.**"

Andrew Suter – Director



Nederlandse
Kerk

Welkom op zondag

“ The Airius fans have improve[ed] the air flow within the church giving excellent results. ”

"Churches are always a problem to heat effectively and economically, but on several schemes **I have found the Airius system has proved most advantageous in maintaining uniform temperatures within the buildings and prevent unnecessary heat loss.** The units are compact and unobtrusive. Every project is different and requires careful consideration, particularly when dealing with important and historic buildings, but we have found the Airius system to be sufficiently versatile to achieve solutions on several projects."

David Gadson - Director (Environmental Engineering Partnership)

Grants & Funding

There are numerous Grant and Funding schemes available to help make buildings of worship in the UK more energy efficient. From the 'Lottery Fund' and the 'European Regional Development Fund' (ERDF), to more specialised and local schemes such as the 'H.B. Allen Charitable Trust' and the 'John Ellerman Foundation.'

Below is a shortlist of organisations and resources that can help you source the right fund for making your building of worship more affordable and energy efficient.

ChurchCare

ChurchCare is the Church of England's national resource centre supporting over 16,000 parish churches and 42 cathedrals. Through their environmental campaign 'Shrinking The Footprint' ChurchCare aim to help enable Churches nationwide address the issues of climate change.

ChurchCare is the comprehensive source of information for everyone managing a church building, featuring a list of 70+ Grant & Funding schemes available.

See more at www.churchcare.co.uk.

ChurchCare

Cathedral and Church Buildings Division, Archbishops' Council



The Eco Muslim

The Eco Muslim is part of a green effort to make our community on Earth that tiny bit purer to live in. Or at least, a wee bit sparklier for the day after tomorrow.

Working with some of the world's leading people to grow the branches between 'green' faith and social action, the Eco Muslim website features a wealth of information and resources on implementing energy reduction initiatives as well as helpful guides, such as the 'Green Mosque Guide.'

See more at www.theecomuslim.com.



The Big Green Jewish Campaign

The Big Green Jewish Website is the home of the climate change campaign of the UK Jewish community. We campaign to raise awareness about environmental issues. Our aim is to educate about climate change and empower people to make changes in their lives that will make a difference to the world.

See more at www.biggreenjewish.com.



Selected Client List



Whiteshill Evangelical Church



CONTACT US

Get in touch!

Airius Europe, Africa, Middle-East & Asia

Holwell Farm
Cranborne, Dorset
BH21 5QP - UK

Tel: (00) 44 1202 554200
Fax: (00) 44 1202 554396
Email: airflow@airius.co.uk
Web: www.airius.co.uk

Airius Americas

811 South Sherman Street
Longmont, Colorado
80501 - USA

Tel: (00) 1 888 247 7327
Fax: (00) 1 303 772 8276
Email: info@airiusfans.com
Web: www.airiusfans.com

Airius Oceania

2/14 Brandon St.
Suffolk Park
NSW 2481
Australia

Tel: (00) 61 0 401 848 888
Email: info@airius.com.au
Web: www.airius.com.au



For more case studies, demonstration videos, client lists, testimonials and product information visit us at:

www.airius.co.uk