



De-stratification is recommended  
by The Carbon Trust\*

# AIRIUS IN OFFICES

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



Web: [www.airius.co.uk](http://www.airius.co.uk)

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# Office Buildings

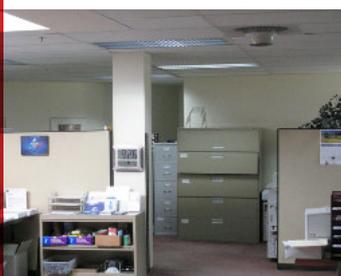
Maintaining comfortable environments in offices is one of, if not the most expensive running cost for such a building. Even then ideal conditions can be extremely difficult to achieve, which can have a severely negative impact on sales and productivity.

The Airius destratification system optimises existing HVAC systems by circulating temperatures evenly throughout, removing hot and cold spots and balancing temperatures to within 1-2°C, saving 30%-50% on your HVAC costs.



## Features & Benefits

- **Vastly improved comfort levels all year round**
- **Improves staff productivity**
- **40%+ reduction in heating costs**
- **20%+ reduction in cooling costs**
- **20%+ reduction in carbon emissions**
- **Rapid ROI - Usually 12 - 24 months**
- **Works alongside ALL types of HVAC systems**
- **Removes hot and cold spots**
- **Ultra-quiet avoiding noise disturbance**
- **Minimal running costs (from £6/pa)**
- **Significantly reduced HVAC maintenance costs**
- **Recycles heat from lighting, people, PC's etc**
- **Increases lighting lifespan**
- **Eligible for carbon reducing grants/loans**

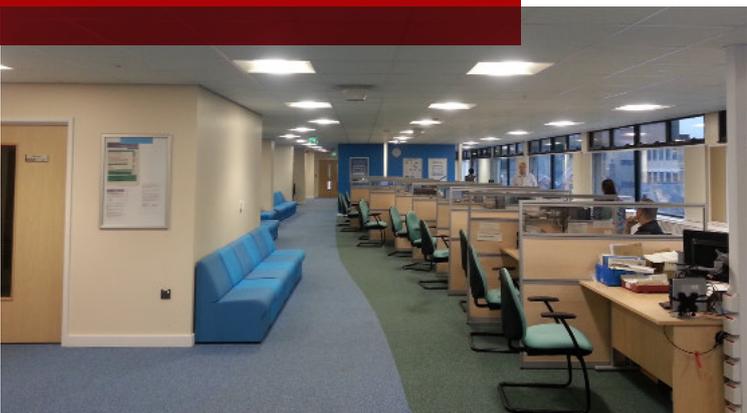


The ideal working temperature in a commercial office environment is between 18–22°C. According to Dr. Henry Willem's ground-breaking research at NUS, at 2°C above this temperature productivity drops by 14.4%, whilst at 26°C productivity plummets by a massive 21.6%.

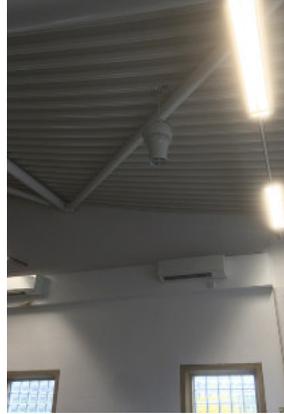
By installing an Airius destratification system air is kept circulating throughout office spaces distributing temperatures far more efficiently, reducing the workload on HVAC systems and making desired conditions far easier to achieve and maintain. In heating applications the Airius destratification system recycles hot air trapped at the ceiling to benefit temperatures at floor level, whereas in cooling applications the Airius system circulates the denser cooled air supplied by air-con throughout, which would otherwise be hindered by desks, partitions and other office furniture.

Contact us today to find out how to reduce your costs and increase productivity with the Airius system.

# Installation Images



# Installation Images



# Client Testimonials



British  
Waterways

“

The Airius units have proved a great success

”

"In regards to the Airius units fitted, they have proved a great success by balancing the heat profiles in the large office areas, particularly with the top floor, where the ceilings are very high. **The complaints of cold spots have ceased. It has allowed the cut off temperatures to be controlled at a reduced level and may allow a further reduction still for the next heating season.**

**It is envisaged we will be installing further units where we know we have a need to bring the warm air back down from the high ceilings for the benefit of those sat at floor level!!"**

Nigel.D.Joyce MCIQB Dip.HI Senior Building Surveyor

“ The destrat fans are providing a more constant temperature throughout the whole floor area ”



"Here is a comment that we received from one of our tenants who is happy with your product:

- **"The destrat fans are very quiet and have not inhibited our daily work in any way.** They have proved to be successful by pushing the warm air down, definitely providing us with a more constant temperature throughout the whole floor area".

Marian Croucher - Commercial Manager



“

Since installation we have noticed a significant increase in temperature

”

"Since we installed the Airius units in our Grade II listed Bourton Hall this winter **we have noticed a significant increase in temperature when we open the building in the morning, requiring fewer inefficient, local space heaters on the ground floor.**

We also installed a unit in our unheated storage building and it has made a difference there as well, noticeably taking the chill off and providing the necessary ventilation without penetrating the roof structure."

Jonathan Gudorf - Facilities Manager

“ I would highly recommend Airius destratification fans ”



"Since the installation of the units **the air quality and temperature has vastly improved and people are now feeling a lot more comfortable in the environment.**

I would highly recommend the Airius destratification fans as they have been the perfect solution to our problem."

Tom Lyons - Knowsley Council

# Selected Client List



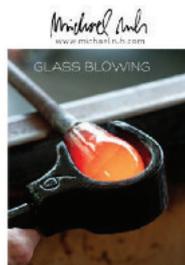
Lloyds TSB



**Devon & Cornwall Police**  
Building safer communities together



HM Government



# British Telecom - Doncaster Call Centre



BT installed 64 Airius model 45 fan units into their Doncaster call centre to improve comfort levels, increase staff productivity and save on energy costs.

This performance report shows that with the Airius destratification system temperatures are an average of 2.9°C higher at floor level, compared to the HVAC system working alone.



## Key Points:

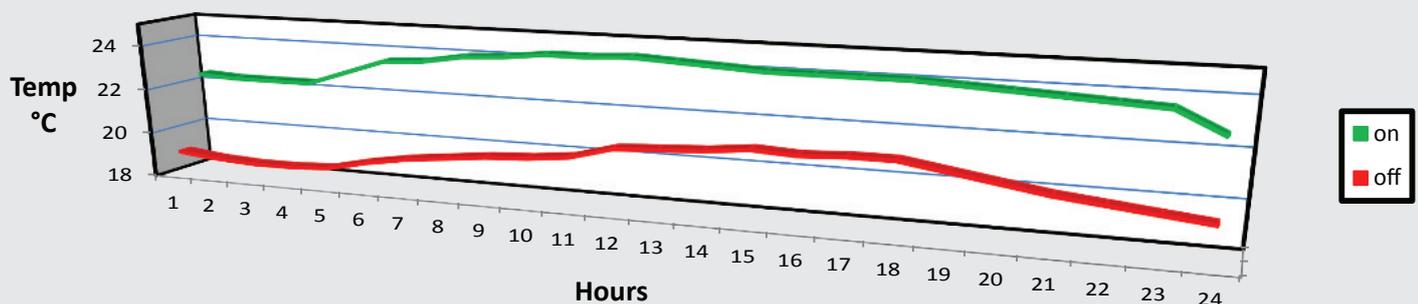
- **2.9°C - Temp increase at floor level**
- **System = 64 x Model 45/PS-4's**
- **£1,490 = Annual running costs**
- **21.0°C - mean temp - Airius system off**
- **23.9°C - mean temp - Airius system on**

This is achieved by recirculating the warm air that accumulates at ceiling level above the HVAC air intake. This will also reduce the buildings overall heat loss.

The results of this tell us that the thermostat can now be reduced by approximately 3°C to achieve the originally set conditions, thus reducing overall energy consumption and carbon emissions.



## Floor Level Temperatures



## CONTACT US

# Get in touch!

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[www.airius.co.uk](http://www.airius.co.uk)