

AirPurity: Because Air Quality Matters

Healthier Spaces. Healthier People. Lower Costs.

Save at least

20%

on heating & cooling costs

Did you know poor air quality directly impacts staff sickness and operational costs?

Every day, staff are absent due to common airborne illnesses such as colds and flu. In critical settings, for example hospitals, poor air quality causes chronic health conditions and death, affecting millions each year.

Poor environmental control contributes to higher sickness rates and higher costs – impacting employee productivity and overall health.

The AirPurity Advantage

Our patented solution – the world's first, not only protects health but also reduces heating and cooling energy consumption by at least 20%, delivering significant financial and carbon savings.

Lower costs and move closer to your net-zero goals with AirPurity's innovative Advanced Environment Management System.

Clinically Proven & Backed by Science

We collaborate with government bodies and universities, specialising in infection prevention. Over five years of clinical development our products have consistently shown remarkable results:

Infection Control:

89% reduction in hospital infection transmission, leading to **80%** fewer ward closures.

Workforce Impact:

31.5% reduction in staff sickness, cutting reliance on costly agency/temp cover.

Ventilation Supplementation:

Saving **£1.5 million** in capital costs and increasing building capacity from **60 to 150** people, all while ensuring full regulatory compliance.

AirPurity: Fit for Every Sector

Enhancing energy efficiency and supporting your sustainability goals!

Healthcare:

Our Advanced Environment Management System safeguards patients and staff by minimising Healthcare Acquired Infections (HCAIs). This reduces the reliance on agency or bank staff, delivering better continuity of care while significantly lowering staffing costs.

Corporate & Clerical:

In office environments, improved air quality eliminates pollutants and allergens, enhancing cognitive function, decision-making, and productivity. Additionally, reduced airborne illnesses lead to lower staff sickness rates.

Education & Public Spaces:

Our solution creates safer environments in schools, universities, and public spaces by reducing the spread of viruses and allergens. By managing CO₂ levels, our systems foster more productive spaces and supports higher cognitive performance.

Industrial & Offshore:

In factories and offshore facilities, our Advanced Environment Management System protects workers from harmful dust, chemicals, and airborne pollutants in demanding settings. It helps maintain operational efficiency, reduce the spread of infections, and safeguard staff from contaminants.

Sports, Leisure, Transport Hubs & Hospitality:

Reassure guests, passengers, and visitors with systems that enhances air quality by eliminating pollutants, odours, and viruses. These solutions create safer, more comfortable spaces for everyone.

Arenas & Stadia:

In large venues, our Advanced Environment Management System improves air circulation and quality, reducing the spread of illnesses and enhancing comfort for large crowds. In some cases, it also increases capacity through optimised ventilation, ensuring compliance with Building Regulations (Part F).



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Indoor Air Quality Regulations and Guidance (UK)

IAQ is now a priority, with increasing focus on reducing airborne transmission of viruses and bacteria in high-occupancy spaces.

Key frameworks in non-domestic buildings include:

Health and Safety at Work etc. Act 1974:

Employers must ensure a safe working environment, which includes maintaining good air quality.

Workplace (Health, Safety and Welfare) Regulations 1992:

Requires adequate ventilation in enclosed workplaces to prevent stale air and reduce airborne contaminants.

Building Regulations (Part F):

Sets minimum ventilation standards for new and refurbished buildings, ensuring effective air exchange and pollutant removal.

CIBSE Guidance (TM40):

Offers best practices for achieving healthy indoor environments through effective ventilation and air filtration.

COSHH (Control of Substances Hazardous to Health) Regulations:

Mandates employers to manage exposure to airborne biological and chemical hazards.

Health Technical Memorandum (HTM) 03-01:

Specialised Ventilation for Healthcare Premises: The primary guidance document for ventilation systems in healthcare facilities. It includes:

- ✓ Design, installation, and operation of ventilation systems.
- ✓ Requirements for clean rooms, theatres, isolation rooms, and critical care areas.
- ✓ Specifications for air changes per hour (ACH) in different clinical settings.
- ✓ The document is divided into two parts:
 - Part A: Design and validation.
 - Part B: Operational management.

About AirPurity

Founded six years ago by Darren Sloof, AirPurity emerged from a personal mission to combat the devastating impact of infection spread after witnessing its toll on loved ones. This vision has propelled the company to the forefront of indoor air quality (IAQ) innovation, transforming it into a global leader in advanced environment control systems.

Darren plays a pivotal role in shaping key IAQ frameworks, and today, AirPurity is recognised for its commitment to protecting patients, the public, and staff through groundbreaking advancements in environmental science, engineering, and infection control.



Made in
the UK

Award-Winning Products

Science-Backed Performance:

Accredited with proven real-world results, our units dynamically adapt to their environment in real time, ensuring optimal air quality at all times.

Versatile Applications:

Ideal for both new constructions, existing buildings, and retrofit projects.

Future-Focused Design:

Built with net-zero carbon goals in mind, reflecting our commitment to environmental responsibility.

Energy Savings:

Reduces heating and cooling costs by at least 20%, enhancing air quality while supporting sustainability targets.

No Compromise on Performance:

Advanced environmental control without sacrificing efficiency or air quality standards.

Leading Warranty:

Peace of mind with an 8-year comprehensive warranty

Industry Recognition:

Winner of the Best Patient Health Initiative at the 2024 Building Better Healthcare (BBH) Awards.



Good to Know

Simple Installation:

Minimal disruption – no structural changes, ducting, or downtime.

Seamless Integration:

Incorporates with new facilities at the design stage, optimising efficiency from day one.

Fully Customisable:

Units can be designed to match your brand colours, and messaging.

Made in the UK:

Researched, developed, and manufactured in England.

Ready for a cost-effective air quality system?

Transform your facilities,
reduce costs and achieve
your sustainability targets
with AirPurity.

Let's talk!

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