



Maintaining safe environments

Smoke control in industrial buildings

- Site-specific planned preventative maintenance packages
- Regulatory compliance and certification
- Comprehensive spares support
- UK-wide, 24/365 emergency call out within 4 hours available
- Remedial works and refurbishment projects
- Fire engineering consultancy, including design review, cause & effect and risk assessment

Smoke ventilation specialists

Objectives

- Provide smoke-free escape routes
- Reduce the likelihood of damage or loss to production or stock
- Clear line of sight and access routes for fire safety crews
- Permit greater travel distances to exits
- Extract heat and smoke

Industrial settings are often noisy and may contain dangerous combustibles and difficult-to-pass areas that contain heavy machinery, meaning quick acting smoke control systems are vital if a safe escape route is to be maintained.

Hazards such as open-flame equipment, hot processes, frictional generated heat from mechanical equipment, static charge from mechanical equipment and faulty or misused electrical equipment all pose significant danger in this type of environment - especially in buildings large in size where employees may find themselves working in isolation.

Large buildings tend to have longer evacuation times and proper maintenance of smoke and fire safety systems is vital in the preservation of life and valuable assets - production downtime following a fire can cost more than building repairs, and many businesses struggle to recover after such an event.

Airvent Services' comprehensive maintenance and repair service ensures your smoke and fire safety systems are running efficiently and meet the stringent criteria of current EN safety regulations - even acting as your nominated responsible person to take care of every facet of your smoke and fire safety protocol.



Airvent's service packages cover a range of products and applications, ensuring that not only individual aspects are working properly, but that the systems as a whole work together when needed.

Smoke ventilation/inlet air - providing an escape route for smoke to leave a building is important, but so is having ventilators that allow fresh air in to replace the departing smoke.

Smoke curtains - these are either fixed or retractable and deploy from ceiling areas to compartmentalise smoke, delaying its spread and increasing escape times before the smoke cools and lowers to head height.

Controls - a smoke safety system can only operate if its control system is in full working condition. Airvent can maintain any make of control unit, be it closed or open protocol.



Clients

Airvent Services' list of long-term service clients features some well-known consumer brands and prestigious names such as IKEA, Microsoft, Hilton Hotels and Resorts and Rolls Royce. These companies are extremely diligent when selecting their preferred specialist service provider/partners and they expect nothing less than the very highest standard of service support at very competitive prices.





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