



Maintaining safe environments

Smoke control in commercial 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

- Clear evacuation routes
- Protect assets from damage and minimise closure time
- Extract heat and smoke
- Minimise evacuation time
- Clear line of site and access routes for fire safety crews

Retail and commercial buildings – especially multi-level shopping centres and offices with atria – are often very busy and feature mezzanines, complicating smoke safety issues. Smoke can decrease visibility for the occupants trying to escape and potentially restrict escape routes.

As well as the danger fire poses to life it can also have a disastrous effect on businesses – damaging assets and costing millions in both repair and lost revenue every year. To minimise these risks in the event of a fire, building regulations for shopping centres state that the correct life safety systems must be installed and these life safety systems must be properly maintained to ensure continued protection and compliance with legislation.

Airvent Services can offer a comprehensive maintenance service that covers all smoke and fire safety systems no matter how complex – including those installed by its competitors.

Its experienced engineers are skilled in accessing components that are located in even the most hard-to-reach areas of the building to ensure nothing is missed and the whole system works efficiently in an emergency.



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 - louvres and automatically-opening roof vents allow hot, harmful smoke to escape from a building such as shopping malls, negating the risks that are especially prevalent at mezzanine levels.

Smoke curtains - usually retractable, these 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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