



Maintaining safe environments

Smoke control in residential 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

- Protect stairs and corridors
- Assist evacuation in the event of a fire
- Provide clear areas such as lift shafts and lobbies
- Clear line of site and access routes for fire safety crews
- Day-to-day ventilation for comfort

In an apartment building fire, the smoke control system is designed to make fire fighters' difficult job easier by improving visibility and providing clear fire fighting areas such as stairwells and lobbies; even if fire doors are employed throughout, it can still be easy for smoke to spread quickly throughout a building as residents make their escape.

Many residential buildings use dual-purpose smoke control systems to provide day-to-day corridor ventilation and improve comfort levels making conditions more comfortable in common areas so require regular servicing.

To ensure smoke safety, Airvent Services' can offer a comprehensive maintenance service, perfectly tailored to the specific requirements of the building.

Its experienced engineers are skilled in maintaining even the most complex systems and are able to reach components that are located in hard-to-reach areas of the building – ensuring no component is missed.



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.

Corridor ventilation - it's vital to give residents in an apartment building the time to escape from a fire, keeping smoke high (away from escape routes) and slowing its spread to other levels.

Stairwell pressurisation - smoke safety equipment must be properly set up to remove the risk of over-pressurisation (jamming doors shut) or under-pressurisation (allowing smoke to move too freely).

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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