



ESSMANN smoke and heat extraction and fresh air systems

A systematic approach to fire and smoke protection

All good things come in threes: As well as providing natural daylight and fresh air, ESSMANN skylight domes and arcade rooflights also make buildings safer. Their integrated smoke and heat extraction systems protect people and property from what can often be the disastrous effects of smoke and fire. In the event of a fire, components on the roof and facade, which are controlled either electronically or pneumatically, open up to allow smoke, heat and toxic fumes to escape. Escape routes are kept clear, enabling the fire service to carry out its work effectively.

The installation of smoke and heat extraction systems is subject to stringent requirements and legal regulations, which are stipulated in the relevant standards and building codes. Different methods of installation are also available, depending on the type of building in question and its architecture. Our specialist consultants work closely with the customer to calculate and plan a customised concept that will be sure to provide maximum reliability and safety.



Natural smoke extraction



Mechanical smoke extraction



Fresh air equipment



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