

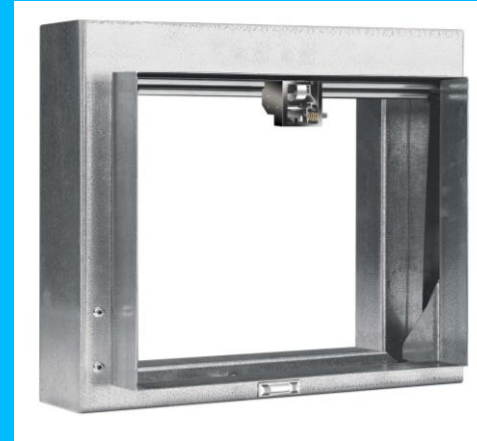
FIRE DAMPER TESTING

ADDITIONAL SERVICE FOR DUCTWORK CLEANERS

Fire dampers are a key part of a buildings fire strategy and HVAC system. Fire dampers are designed to close in the event of fire and seal shut the HVAC system.

UK legislation dictates that every damper must be tested **once per year** as per BS9999.

Recent fire disasters in the UK, such as Grenfell tower, have heightened fears and awareness about fire safety. Fire safety is under review by government, and will certainly be increased in the future.



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Fire dampers need to be inspected, drop tested and cleaned once per year. This is only possible by hand access and is a labour intensive task.

Large building such as hospitals, schools, offices, hotels and shopping centres may contain hundreds or even thousands of fire dampers in a single site. **ALL** require testing and inspection under UK law.

The UK has approved training for engineers to be trained to carry out fire damper testing.



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Fire damper testing is not always straight forward. Access to reach dampers is often difficult or obstructed. Some more modern dampers have external test and reset mechanism such as the damper in the video below. Electronic motorised fire dampers are used in critical escape routes of new buildings.



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Using Ventilation Surveys & Services Ltd as an example, fire damper testing now accounts for approximately 40% of annual turnover for the company. This amounts to over £1,000,000 annually for the business.

Fire damper testing can be a highly profitable service, minimal material costs, overheads are limited to direct labour and reporting costs.

Reports for testing just be highly detailed, identifying issues, giving recommendations for remedial works, and photographing each fire dampers test. Reports may be extremely large documents for the customer and their insurance.

