

Puma™

Air Makeup Dampers and Fire/Smoke & Volume Control Dampers

TECHNICAL SUPPORT

PUMA can offer a wealth of experience in sales, application, and technical support. Using the latest CAD design software, we can provide detailed drawings in dxf or pdf formats.

BESPOKE SOLUTIONS

Puma Products operates a continuous design and improvement policy, and reserves the right to change designs and specifications without notice.

CONTACT DETAILS

For more information on any of our products or services please visit us on the Web at:

www.pumaproducts.co.uk

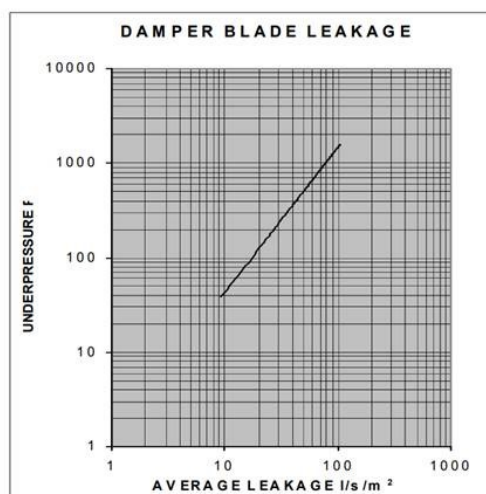
Telephone + 44 (0)1264 333305

sales@pumaproducts.co.uk



Fire Smoke Damper & Actuator

Fire Smoke Dampers are fitted to the intake section of an air handling unit or fitted to an opening in a fire rated wall to maintain the integrity whilst allowing movement of air in normal operation.



Tested to BS 476 Part 20 and BS EN 1634-1:2008 - 2 Hr Fire Rating.

Complies to BS EN 1366-2 for leakage rates. The standard states the damper must leak no more than $200\text{m}^3/\text{hr}/\text{m}^2$ which as you can see from the graph our dampers do not exceed $200\text{m}^3/\text{hr}/\text{m}^2$.

Minimum size of 100x100mm
Maximum size of 1200x1800mm (in one section)
For large dampers we can supply in sections with multiple actuators to be assembled on site.

Frame and blades are constructed from 1.6mm galvanised mild steel (430 stainless steel option available). Die formed corner channels 'button locked' for strength and rigidity. All blades are linked externally out of the airstream connected by a shaft suitable for actuators. Complete with close silicon sealed blades, stainless steel side jambs and oilite bearings, they provide an excellent seal from smoke and fire.

Fitted with a Power Failure Spring Return Actuator, the F.S.D will open in 75 seconds and shut in 20 seconds after power has been removed.



puma
FIRE PRODUCTS LTD



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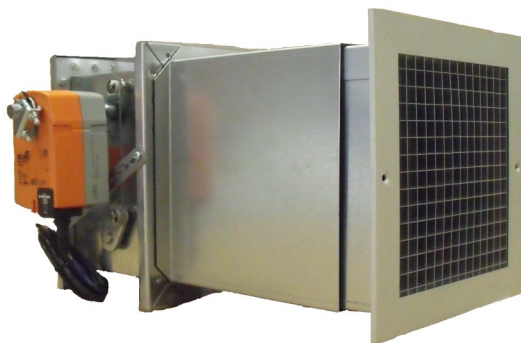
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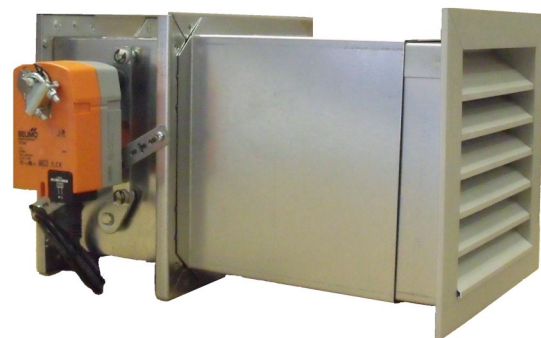
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Air Make up Damper with Telescopic Duct and Egg Crate Grille



Air Make up Damper with Telescopic Duct and Weather Louvre

Air Makeup Damper (A.M.D) assemblies are required for areas that have Fire Extinguishant extract facility. Comprising of a Fire Smoke Damper (F.S.D), power failure spring return motor, telescopic wall liner, Egg Crate Grille (Internal Walls) or Weather Louvre (External Walls). On energisation of the Extract Fan the AMD simultaneously opens, allowing sufficient air to make up the negative pressure created by the Fire Extinguishant. For selection, please contact sales.



Volume Control Damper

Volume Control Dampers are generally fitted to the intake section of a unit. Complete with aerofoil blades and st/st side jambs, they provide an effective semi seal fitted with either a Power Failure Spring Return Motor that opens in 75 seconds and shuts in 20 seconds after the power has been removed, or is fitted with a hand control (as shown above).

