

Air Make Up 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 operate a continuous design and improvement policy and reserve 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
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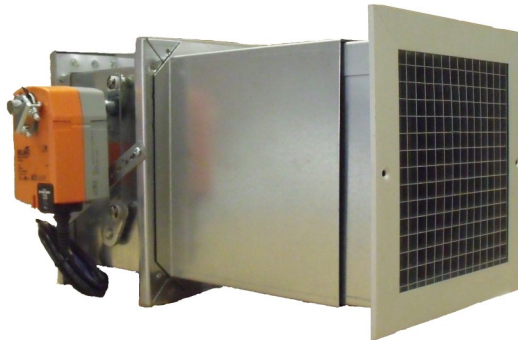
Fire Smoke Damper & Motor

Fire Smoke Dampers are generally fitted to the intake section of a unit or as close to the opening in the wall. Tested to BS 476 Part 20 and BSEN 1634-1 2008 - 2 Hr Fire Integrity Standard. Complete with close sealed blades, st/st side jambs and oilite bearings, they provide an excellent seal for smoke and fire, fitted with a Power Failure Spring Return Motor the F.S.D will open in 75 seconds and shut in 20 Seconds after power has ben removed. When fitted to Combined Unit the subsequent energisation of the extract fan will cause the damper to re-open. (as shown above)

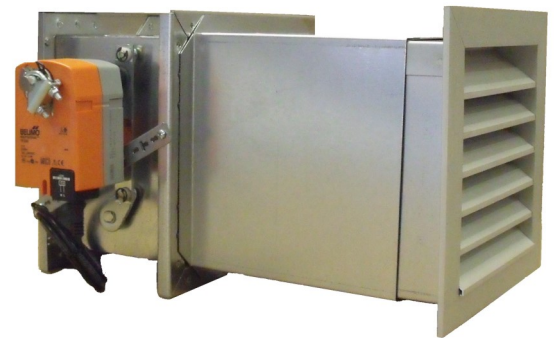


Volume Control Damper

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 150 seconds and shuts in 15 seconds after the power has been removed or is fitted with a hand control (as shown above).



Air Make up Damper with Telescopic Duct and Egg Crate Grille



Air Make up Damper with Telescopic Duct and Weather Louvre

Air Make up Damper assemblies are generally required for areas that are effectively sealed for Fire Extinguishing integrity and require Pressure Venting or relief. Comprising of a Fire Smoke Damper (F.S.D), Power Failure Spring Return Damper, Telescopic Wall Liner, Egg Crate Grille (Internal Walls) or Weather Louvre (External Walls). On energisation of the Extract Fan the Damper Motor shall simultaneously open allowing sufficient air to make up the vacuum created by the extract of fire Extinguishant and Room Air. To size an AMD — take the nominal height of the unit and use the same for the width, i.e. FA 250/400 = 250 x 250 mm. (Approx 6 m/s)

