

Dampers & Air Distribution

Advanced Air

Advanced Air has over 37 years experience in providing the air conditioning and construction industries with practical, no-nonsense air control and distribution products. We are a customer led company responding to the needs of specifiers, designers and contractors and offer high quality solutions. A UK based company, with manufacturing facilities in Thetford, Norfolk, we are also part of the successful Nailor Industries International Group, which includes facilities based in the USA and Canada. All our products are fully tested to the relevant UK, European and International standards, with our fire and smoke dampers included in the LPCB "Approved Products" list.

Fire & Smoke Protection

Fire / Fire Smoke Dampers

We offer a range of low leakage fire smoke dampers, successfully tested for 4 hours to BS EN1366-9, which are used to prevent the spread of fire and smoke in a ventilation system. Our range also includes smoke and high temperature smoke dampers, which can be used up to 300°C for 190 minutes. The Advanced Air curtain fire dampers provide a wide range of models suitable for most applications.

Control Panels

Controlling the spread of fire and smoke is vital to both occupants and the building itself, and Advanced Air's range of fire smoke damper control panels are available to provide solutions to suit all requirements. From addressable systems, to hard-wired panels, the range also includes the option of bespoke units, which can be manufactured to suit specific customer requirements.

Airflow Control Systems

Grilles, Diffusers & Louvres

We manufacture an extensive range of grilles and diffusers including louvre face diffusers, linear slot diffusers, linear bar grilles, eggcrate grilles, floor and ceiling diffusers, and door transfer grilles. All are supplied in a variety of finishes, powder coated to RAL9010 as standard, with other colours available. Also available is a range of external weather louvres that compliment the building design and are suitable for most wall configurations.

Volume Control Dampers

Our variety of volume control dampers offers value solutions and can be supplied with a variety of control options, including motorised and manual control.

VAV Terminal Units

Advanced Air offers a variety of single duct and dual duct units for different types of variable air volume systems. We also manufacture fan powered VAV units that use advance brushless DC motors to give lower energy consumption and simpler commissioning.

Energy Efficient Systems

Fan Coil Unit

Advanced Air's energy efficient EPIC range of fan coil units offers infinite volume control and pressure independence i.e. as the filter gets dirty, the air volume will not change. Our standard range of fan coil units can be supplied with brushless DC (EC), AC external rotor motor or fan deck options. The Epic range offers specific fan power SFP of down to 0.15 w/l/s which is nearly six times below the SFP of 0.8 w/l/s in the 9006 Part L Building Regulations.

Chilled Beam

Advanced Air manufactures a range of energy efficient active and passive chilled beams. This not only includes ceiling recessed units, but also multi service chilled beams manufactured to a high standard to satisfy aesthetic and performance goals.

Natural Ventilation

Advanced Air's range of low leakage, low pressure very accurate control drop dampers, grilles and external weather louvres can offer a solution for your natural ventilation requirements.



Fire Smoke Dampers



Control Panel



Volume Control Damper



Ceiling Swift Diffuser



Epic Fan Coil Unit



Active Chilled Beam



Low Leakage Damper



External Louvres



Assessed to BS EN ISO 9001:2000
Cert No. 128



Assessed to BS EN ISO 9001:2000
Cert No. FM01714

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