

Ruskin Air Management Limited



actionair

Dampers Controls Fancoils

Actionair Selection Guide

Our extensive range of dampers has been developed to meet the needs of commercial and industrial applications.

The Actionair selection guide can help you save time in sourcing the right damper for your project and therefore save you valuable office administration resources.

Available to download from: www.actionair.co.uk/catalogues.html



Actionair Approved Fire and Smoke Dampers Installation Manual - (BS EN 1366-2:1999)



You will probably be aware that the HVCA ductwork group have this year produced the Guide to Good Practice DW145 for the Installation of Fire and Smoke Dampers. This HVAC guide highlights many basic principles contained in the design and installation process, whilst at the same time identifying the responsibilities that attach to the team as a whole. The team comprises of designers, builders,

manufacturers, local authorities, as well as mechanical services, ductwork and specialist contractors.

All the core associations and professional bodies within the industry support to the intent of the guide and we at Ruskin Air Management Limited also endorse the content of DW145. The guide gives 7 installation methods however these are for guidance and planning purposes only and project specific certified installation methods will be required.

To assist in ensuring correctly selected, tested and installed damper arrangements we have produced our Actionair Approved Fire & Smoke Damper Installation Manual which details all the tested methods

available.

The method of damper installation is important, as it is the interface between the damper and the supporting construction. This plays a significant role on the final result of the test and thus the regulatory requirements have and are changing. We would recommend that you use the Actionair Approved Fire & Smoke Damper Installation Manual along with DW145 to make sure the design and installation details for your projects meet the current requirements. Remember fire dampers are life safety products.

[Link to Actionair Approved Fire and Smoke Dampers Installation Manual](#)

Special points of interest:

- > Actionair Selection
- > Actionair Approved Fire and Smoke Dampers Installation Manual
- > Air Diffusion Helps Cherwell Valley rise from the ashes
- > Grand Design puts house in the shade
- > Employee profile Andrew McKay

Contact

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Louvres Sunscreens Natural Ventilators

Grand Design puts house in the shade



Naco, has supplied a stunning new home that was featured on Channel 4's Grand Designs programme in September.

State-of-the-art Sylvan Glade is a highly unusual residential home in Kent. Aesthetics and design considerations were key to the specification, so Naco's products had to meet exacting standards of form and shape determined by the architect. Replacing a Georgian Style house, built in the 1950s as part of an exclusive development, Sylvan Glade was constructed by Innovate Space, on behalf of Modillion homes. In stark contrast to its neighbours, the new property is very modern in design, with 90 per cent of its structure made up of glass.

Naco's louvres provide an attractive screen and solar shading for a bedroom balcony at the back of the building.

"Apart from shielding the back bedroom from the sun's glare, Naco's louvre system was

chosen for its aesthetic merits", explained Stephen Smithers from Innovate Space. "Most louvre blades available are flat, but Naco's are shaped like an aerofoil wing, perfectly complimenting the look of the property.

Clean lines

"Much to the dismay of the architect, Building Regulations stipulated that some kind of screening from the neighbours had to be installed, affecting the clean lines of Sylvan Glade's design. Thanks to the high-end spec and appearance of Naco's louvres, the architect was kept happy and the building's aesthetic wasn't compromised," he concluded.

Naco designed, manufactured and installed 22 ellipsoidal blades, with shaped end-plates. The blades provide decorative seclusion and a functional vertical sunscreen.

A challenging project owing to the curved design of the building, each blade had to be set at a different orientation in order to achieve the

desired effect.

Detail is included at the head and cill of the blades, which allows them to be adjusted into their final position, as well as providing flexibility should future modifications be required.

The building was also built with energy efficiency in mind, and Naco's louvres reduce solar heat gains. In Northern latitudes, such as the UK, the sun is lower, resulting in more exposure for vertical glazing to the sun's warmth. With increasing emphasis on controlled internal environments and the need for reduced energy consumption, planning for solar gains is necessary, even in air conditioned buildings.

Stepping up to the challenge of a truly one-off development, Sylvan Glade is an excellent example of Naco's expertise at providing bespoke solutions to high-end, architecturally led projects.

[Link to Sunscreens](#)

Contact



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Grilles Diffusers Louvres Chilled Beams

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Our websites



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www.air-diffusion.co.uk



www.naco.co.uk

Air Diffusion Helps Cherwell Valley rise from the Ashes

In mid April 2010, Cherwell Valley Services the M40 suffered a devastating fire. At its peak, Oxfordshire Fire Services had 120 firemen fighting the blaze.

Within days a temporary structure was in place to restore services to the site in the form of a temporary structure that contained all the required facilities for the service area to function. Work then started to plan and build a complete new service area, which was opened in July 2011. Moto Services chose Galliford Try as the main contractor for the job.

Pick Everard of Leicester were chosen to do a mechanical design for the new building.

Air Diffusion was pleased to be asked to work with them, to design and provide a



range of products for the new building. This included a range of standard products normally associated with this type of job. The project also contained some specially designed displacement terminals, circular in construction, they are placed throughout the main concourse area to provide conditioned air to maintain a comfortable environment for the customers using the service area.

In turn, Air Diffusion worked closely

alongside Rushmoor Mechanical Services Ltd, a well-established and respected contractor

Air Diffusion offer a wide range of standard and bespoke products to the ventilation industry and have a wealth of experience in problem solving products that can be both innovative and practical. Providing an engineered solution that is designed to be in keeping with the architectural style of the product.

Ruskin Air Management Limited

Employee Profile : Andrew McKay



Andrew McKay joined Ruskin Air Management Limited in May as our Finance Director. Andrew has a large amount of

financial experience previously working as a Financial controller at a company that manufactured products in the security industry.

As well as being a local school Governor Andrew is also a keen archer.

He has the role of Treasurer to the Wyre Forest Company of Archers.

All staff wish him the best in his new role and will all support him to ensure he hits our targets!