

Diffusion

Diffusion take pride in being a British manufacturer with an enviable reputation specialising in the design and manufacture of high performing, energy efficient, standard and bespoke fan coil units.



Diffusion's highly configurable fan coil units are delivering exceptional internal thermal comfort in prestigious buildings across London including The Shard and The Walkie-Talkie building.

The CIBSE award winning Highline Modular Fan Coil range

The Diffusion team are proud to introduce a brand new product range. Discover the key benefits of the New Highline range of modular fan coil units designed for optimal product performance.

Aesthetically designed for either concealed or exposed ceiling applications

Low noise levels ensure their suitability for commercial and residential applications including apartments and hotels where low noise is vital

Embodied Carbon Data
Product data available utilising CIBSE TM65 methodology to help you make the most sustainable product selection

The modularity of the range enables attenuator and plenum options to be easily configured, this ensures you get the exact product you need for your application. Perfect for applications undergoing change of use, units can be re-configured on-site saving money, reducing landfill and increasing the lifespan of the unit, a significant sustainability benefit

High efficiency EC/DC motors and fan assemblies providing specific fan power figures as low as 0.14 W/l/s reducing overall building energy consumption

Increased range of units allows you to accurately match your requirements and eliminates the needs to over specify

All key components easily accessible on-site for ease of service and maintenance including fans, filters and drain tray that can be completely removed

Sustainability considered at every stage of the design



Build your project on trust.

We are proud to be part of the Volution Group who have ambitious plans for sustainability www.volutiongroup.co.uk

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Diffusion



Expand your knowledge, attend our free CIBSE Approved Continued Professional Development course.



By attending Continued Professional Development (CPD) courses you can proactively enhance your professional capabilities and career opportunities. Diffusion invites you to enhance your knowledge and skills in the Heating, Ventilating and Air Conditioning industry by attending the following course which can be held at a time and location to suit you.

CPD Course Title: Understanding Heating, Ventilating and Air Conditioning

This CPD course will give you a greater understanding of:

- ✓ The concept of air conditioning
- ✓ The difference between EC and DC motor technology
- ✓ An understanding of Specific Fan Power (SFP) and why it is important
- ✓ An understanding of fan coils; including the different types, benefits, components and constraints
- ✓ Control options and systems for different-sized buildings
- ✓ Ducting and the importance of Noise Ratings (NR)
- ✓ The process from product selection, and design through to installation

To book your CIBSE approved CPD with one of our fan coil specialists, please contact us at cooling@diffusion-group.com



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