**CPD Presentation**

**Chartered Institute of Building**

**Services Engineers Ireland**

*Fan Coil Unit Design & Selection*

*Air Distribution encompassing grille & diffuser selections*

The key areas that will be covered in the presentation are as follows;

* Air Conditioning: A brief overview of the process.
* Fan Coil Units: Product overview and explanation of application types.
* Fan Coil Components: Breakdown of key components including EC/DC motors, heat exchangers & thermal control.
* Controls Systems. Different fan coil unit control systems.
* Fan Coil Unit application guide: Good practice, design considerations, noise considerations.
* Design & selection process: Heat load calculations, design conditions, installation considerations.
* Overview of grille & diffuser selections
* Fitouts: Implications of exposed services and acoustic rafts when selecting grilles
* Ventilation: Duct velocities, noise levels, throws
* Performance Tests: Specific lab tests and demonstration videos for various diffuser types

Duration: 1.5 hours Thursday May 24th

Contact Details 6.00pm – 8pm

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