



**Ability**

*Part of  
Glen Dimplex  
Heating & Ventilation*

# Choosing the right fan coil for your space

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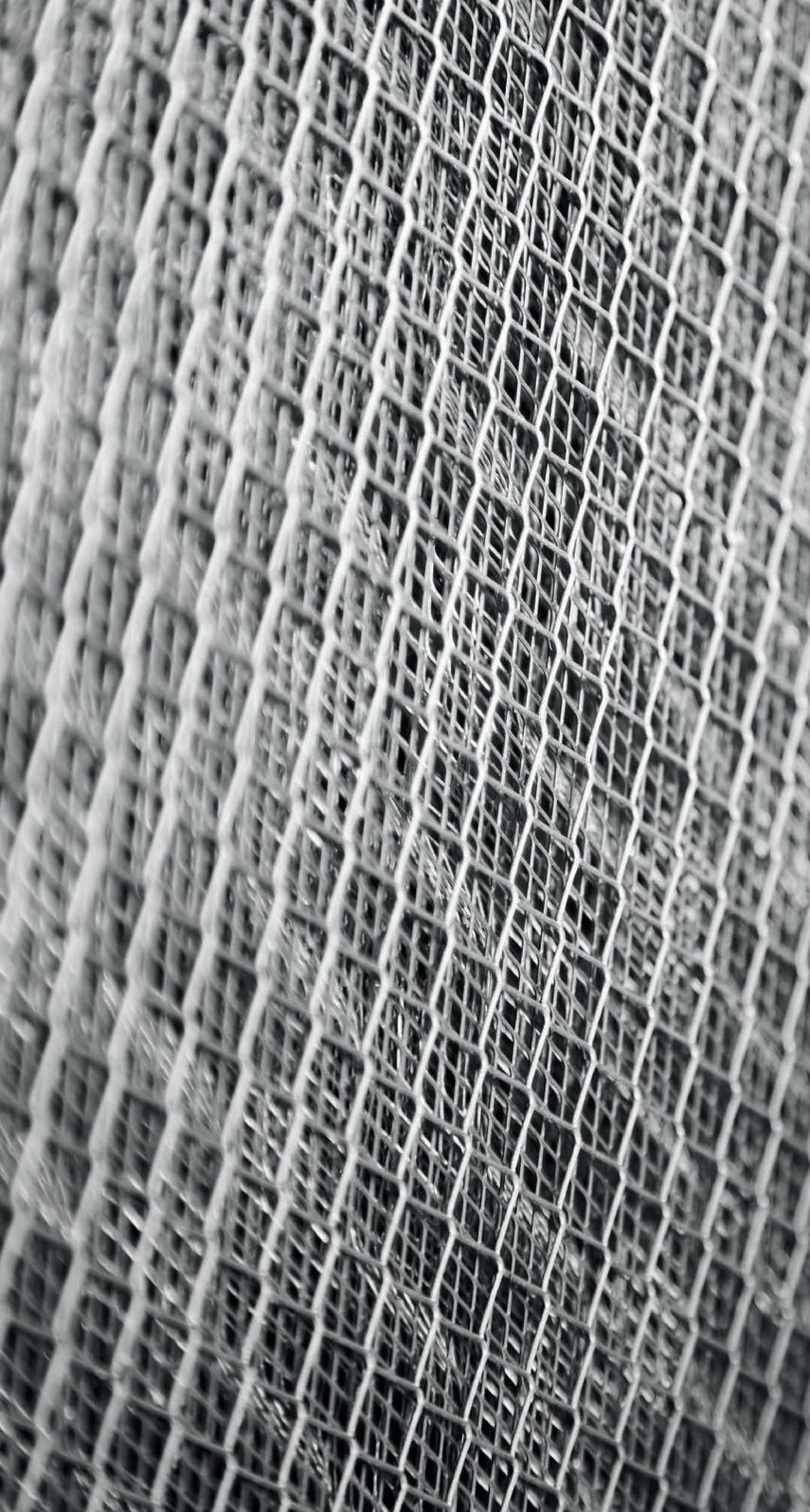
Commercial projects like offices and hotels often make use of chilled water fan coil technology to provide space cooling and heating. However, as we discussed in our previous infographic, there is a vast array of requirements and factors to consider when choosing fan coil units (FCUs), such as output, controls and aesthetics if exposed. At Ability, we offer many different fan coil ranges, from those suited to open office spaces and exposed applications, to the control of individual rooms of up to 5 spaces from a single unit.

**So, what's the best solution?**

**Well, the answer is flexibility.**

A larger choice of fan coils can allow you to be more creative in your design; however, applying the correct products is crucial to delivering an effective and efficient system. This is where our vastly experienced applications team are available to help you find the most ideal solution for your project.





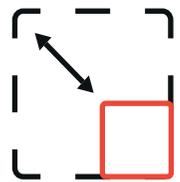
# The EVO270+ Range

**Developed through extensive R&D, the EVO270+ Range is a quieter and more energy-efficient fan coil solution. Suitable for offices, residential and hotel applications, the technology enables higher output with less noise, whilst also reducing the footprint needed to meet the duty point.**

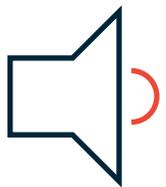
Based on the hugely popular EVO270, the Plus range introduces a new fan for even better performance. Increased duty at lower noise levels allows the designer to apply smaller units in most applications, which can offer significant savings to capital expenditure.

However purchasing costs are not the only area where this solution provides benefits. Utilising smaller units frees up space within the ceiling void, simplifying installation; whilst being easier to transport minimising environmental impacts.

# Benefits of the EVO270+ range can include:



Reduced footprint for duty point



Lower noise levels



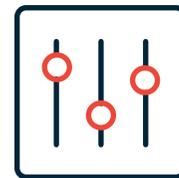
Improved efficiency



Extensive range of units available



Ease of installation



Multiple control and connection options (including BMS controls and pressure independent valves)



Potential commercial benefits through reduced project costs

# The Multiroom

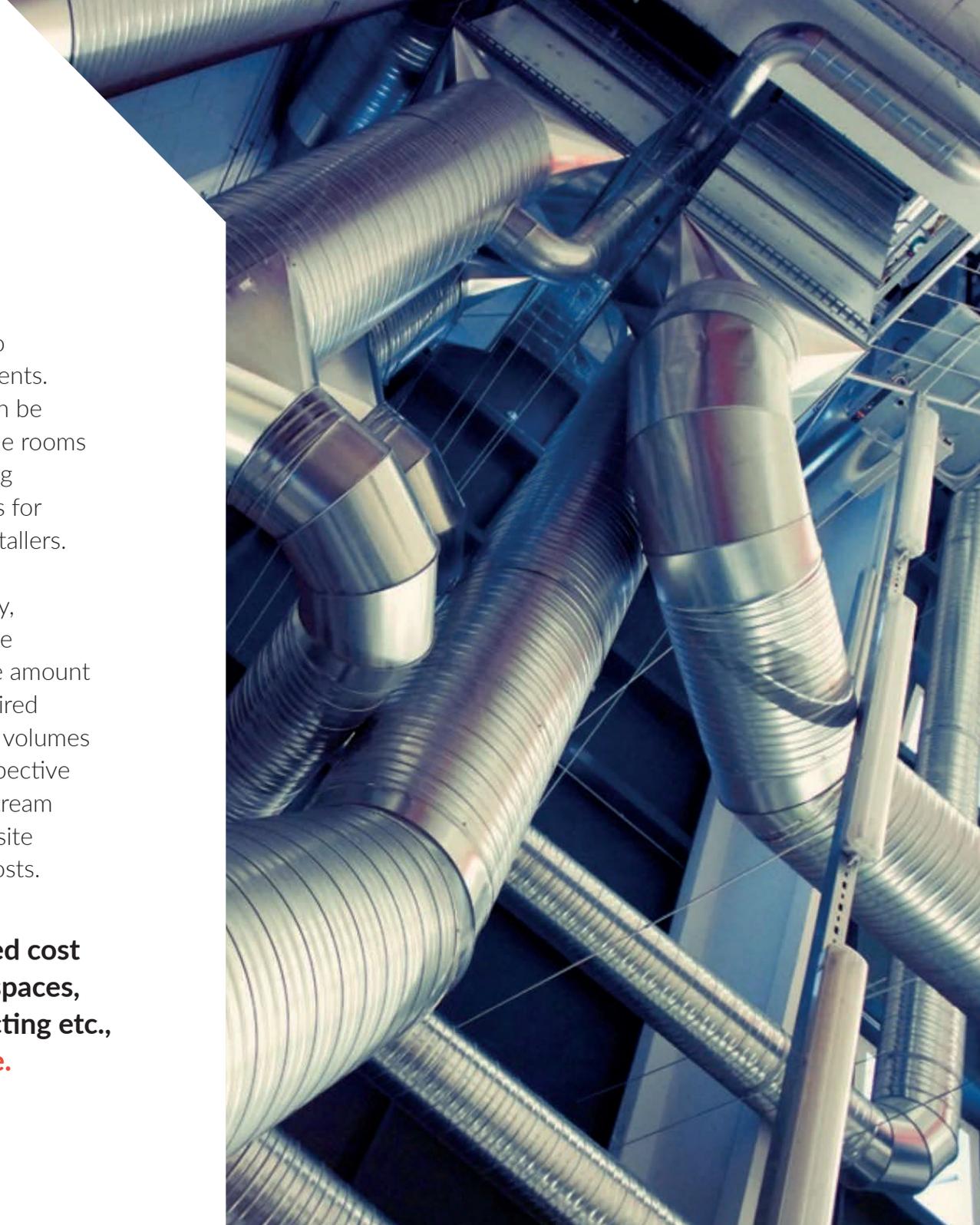
The Multiroom is an award-winning range which takes fan coil intelligence to the next level, offering individual control of up to five separate spaces from a single fan coil unit. Each separate room (such as meeting rooms/cellular offices in commercial applications and bedrooms/living rooms in residential projects) can be individually controlled via room thermostats.

This innovative solution offers system designers greater flexibility in initial concept stage and simplifies the process when

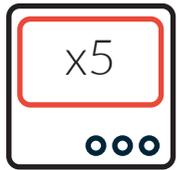
reconfiguring spaces to match future requirements. The Multiroom unit can be mounted away from the rooms being served, alleviating potential complications for both designers and installers.

As well as this flexibility, the factory configurable software minimises the amount of commissioning required onsite, with pre-set air volumes being maintained irrespective of upstream or downstream pressure, reducing on-site installation time and costs.

**A key factor in the Multiroom solution is the related cost savings. Due to one unit serving up to 5 separate spaces, CAPEX on the units and associated pipe work, ducting etc., is reduced – and so too is future maintenance time.**



# Key features of the Multiroom include:



Individual control of up to five separate spaces from a single fan coil unit



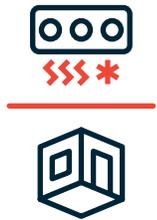
Can reduce on site installation time and cost



Greater design flexibility in initial concept



Potential reduction in CAPEX

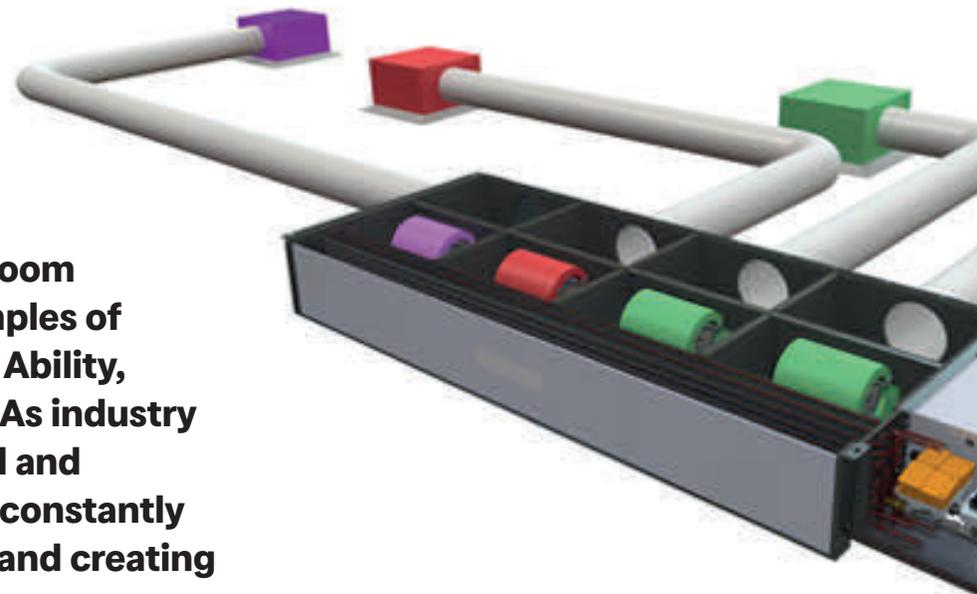


Units are able to be mounted away from the rooms being served

# Fan coil experts

When designing a heating and cooling system, there is not always a 'one size fits all' solution. In fact, there are instances where a single approach won't be suitable for the varying requirements within a single project – especially when future flexibility is taken into account. This is why it's so important to understand what fan coil technologies are available, and the application possibilities of each type.

**The EVO270+ and Multiroom ranges are just two examples of the solutions we offer at Ability, but there's plenty more. As industry innovators, our technical and applications experts are constantly pushing the boundaries and creating fan coil solutions which meet our customers' exacting needs.**



To find out more about the other fan coil solutions we offer, and how we can help you on your next project, contact us today on **[GDHV.contracting@glendimplex.com](mailto:GDHV.contracting@glendimplex.com)**



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