

Think fan coils

for heating and cooling commercial new builds

New commercial buildings need to meet occupants' requirements for comfortable levels of heating and cooling - while offering energy efficiency and low operating costs. **So, when choosing the solution for your next development, think fan coils.**

Flexibility

Hydronic Fan Coil Systems are a **cost effective and energy efficient** solution for heating and cooling commercial spaces. The ability to choose from a wide range of **universally available components**, coupled with a reduced need for specialist installation and servicing engineers further adds to the benefits not only upfront, but also in service.

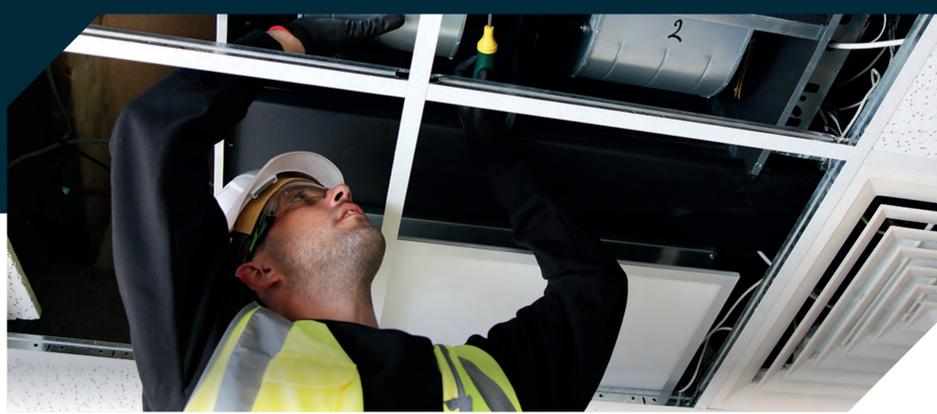
This flexible approach also enables **easier reconfiguration** for fit outs or future change of use.



Smarter fan coil system designs reduce energy consumption

Controls

- Remember that many heating and cooling systems are designed to the maximum duty, when in reality, they rarely operate at this point.
- Modern intelligent control strategies **monitor the actual space temperature and can automatically adjust both the water and air flow rates**, ensuring occupant comfort is achieved in the most efficient way possible.



Acoustics



- Good product design, extensive testing and experienced product application play equally important parts in ensuring a building is suitable for its intended occupants. This not only covers the more obvious need to efficiently maintain the desired internal temperature, but also managing the impact on ambient noise levels.
- Whilst the maximum permissible level is typically the specifying factor, minimum levels are increasingly being considered. This is usually to prevent conversational privacy issues by ensuring a consistent background level.

Thermal Requirement

- Hydronic FCUs can operate effectively at a large range of water flow/return temperatures, allowing designers the opportunity to maximise system efficiencies for each application.
- With the ability to choose from a wide range of central plant equipment, each system can be **tailored to suit even the most demanding application.**



To discuss the heating and cooling requirements of your next commercial new build, contact us today:

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If fan coils could be the right choice for your next commercial new build, then look no further than the innovative and forward-thinking manufacturers Ability. And, as Ability are now part of GDHV, you also have access to a wide variety of solutions including air curtains (which can help to achieve lower running costs, greater energy efficiency and a more comfortable environment).

GDHV has also been at the forefront of heat pump innovation for over 30 years and is perfectly positioned to provide products to suit a wide range of applications.