Ability

The benefits of fan coil unit refurbishment

It is an unfortunate fact that over time aging or poorly maintained HVAC systems may break down or lose efficiency. Given that heating, hot water and cooling systems account for around 60% of all the energy consumption in your building, knowing what to do in these instances is vital to optimising efficiency and reducing operating costs.

For fan coil units (FCUs), the refurbishment and upgrading of your existing system may not be at the top of your to-do list, **but there are a variety of benefits in doing so...**

Increase energy efficiency and cut costs

Upgrading FCU components, such as the motor assembly and introducing **energy-saving** controls, **can cut energy usage by over 50%** (when comparing EC and AC motors) – thereby **lowering energy** use while **improving unit output.**

Cut energy usage by **over 50%**

Improve air quality and occupant health

Ensuring that FCUs are included within planned preventative maintenance (PPM) **can address any leaks and overflows from the system.** Not doing so can create mould and potentially lead to legionella in stagnant water – none of which are good for occupants' health. Addressing these issues can **improve air quality** within the building and help to keep staff in good health.

Increase occupant comfort

By refurbishing your existing FCUs, especially with upgraded controls, the system can **return to peak operational performance.** This creates a more temperate, responsive system to keep occupants thermally comfortable.

Additionally, FCU refurbishment can also address the acoustic performance of units, helping to **reduce system noise and stop distracting or irritating sounds.**

Peace of mind

It is inevitable that, eventually, every system will need updating. However, with refurbishment, the **expected lifespan of the unit can be increased by up to 10 – 15 years.**

A financially viable solution

The refurbishment option has **many cost benefits.** It is **far less disruptive**, as work is able to take place whilst the office remains open. It means that no relocation of staff or equipment is needed.

In comparison to replacement, refurbishment allows you to **save on delivery, removal and disposal costs.**

Choosing refurbishment

Here at Ability, we are a market-leading FCU manufacturer, who understand the importance of trusting these systems to specialists, who know how to create, replace and refurbish water-side FCUs. **We are able to offer site surveys** to analyse the best course of action for your building and, where refurbishment is the best option, **we can offer a full fan coil refurbishment service** to improve the systems performance.

We are even **able to provide this service for FCUs no longer in production** and from any other manufacturers.

To speak to us about fan coil unit refurbishment and to request a site survey, call us on:

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Ability | GlenDimplex HEATING & VENTILATION