

Profit from efficiency

## Chiller Condition Monitoring

Most business people fantasise about a powerful Mercedes or BMW company car but the engineers at Excalibur have spent countless nights dreaming of a Climacheck analyser.

So when Business Edge became UK distributor for the award-winning Climacheck refrigeration performance analyser, Excalibur was at the front of the queue.

“One of the difficulties of operating in the retrofit market is knowing the condition of equipment before you start work,” explains

Excalibur’s Commercial Director Gareth Holden.

“It can be guaranteed that, should something break shortly after you have been working on it, the finger will be pointed in your direction!”

The Climacheck enables engineers in the field to determine how well a plant is operating before they start working on it.

The unit measures a refrigeration pack’s actual COP and other vital parameters which indicate

whether the system is operating within tolerances.

“This has proved to be invaluable when commissioning,” explains Gareth. It enables us to advise a client in advance whether their equipment has been effectively serviced and - on more than one occasion - prevent a catastrophic equipment failure to a business critical system.”





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## Testimonials

### **Manchester Airport**

*"Throughout the LPA project at Manchester Airport Excalibur provided a thorough and professional service ensuring the project was delivered on time with minimal operational disruption. The project delivered savings as quoted, the refrigerant change helped re-life ageing equipment and was seen as a great success, so much so that we are about to embark upon a second phase during 2010"*

### **2 Sisters Food Group**

*"Excalibur installed LPA and inverter control to our Bitzer screw pack, the work was completed to a very high standard with minimum effect to production. Monitoring over the first 12 month period showed a reduction in power consumption of 38%. Several evaporators which had been starved of refrigerant now achieve temperatures where previously they struggled. There have been no reliability issues and we are benefiting from a system which is not only energy efficient but also provides improved refrigeration performance"*

### **Norland Managed Services**

*"I would like to take this opportunity to thank you and all others from within Excalibur involved with the development of this project, from my initial involvement through to today's handover meeting. All of which has run extremely well, with any issues uncovered being easily resolved with the proactive nature of you and your site team, which are a credit to Excalibur. Hopefully, in the not to distant future I will have the opportunity to call upon Excalibur's assistance and experience again on another LPA Project. Though in between times I would thank you again for your support and guidance".*