

Profit from efficiency

## Supermarket Sweep

Next time you drop into your local supermarket, that chilled ready-meal or pot of organic yoghurt in your basket may be kept so fresh thanks Excalibur's efforts.

Excalibur has recently completed a project to improve the efficiency of refrigeration packs for one of the major UK supermarkets (which, for

confidentiality reasons, must remain nameless). During the project, over 150 condensers were modified in 48 stores across the UK.

Condenser fan inverter control panels were designed, manufactured, installed and commissioned by Excalibur utilising an advanced PI control to maintain the most effi-

cient discharge pressure for any combination of refrigeration load and ambient temperature.

Work was completed on schedule with no disruption to store trading, with Excalibur engineers toiling through the night to avoid inconveniencing shoppers.





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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".*