

## Cool Energy installs Leicestershire Chill Store

Cooling specialist, Cool Energy has completed the installation of a 50m x 20m temporary chill store, which is temperature controlled to +4°C by the company's rental equipment.

### Additional Food Safe Storage

The Leicestershire-based producer required storage and additional room for packing to meet several customers' increased orders for their new range of products. With no likelihood of capital approval for at least 24 months, they decided to invest on a short-term basis in the installation of a fully insulated temporary chill store.

Cool Energy project manager for the site, **Paul Parry** explained, "Our customer wanted additional space for 24 months to manage the success of their new brand but did not expect the uptake to be so immediate. We had previously supplied chill store structures in Corby, Sheffield and Edinburgh and quickly agreed on a 50m x 20m structure with a 6m wall to the eaves. This was also fully insulated with Kingspan panels to manage a +4°C store temperature and racked throughout to provide tiered storage facilities."



The Installed Chill Store

The store (pictured above) was constructed within a 4week lead-time to meet the customers' own timetable – however a faster installation timetable was available. This was sited in the company's overspill car park to provide a suitable foundation for the temporary structure and suitable drainage for the guttering supplied with the store.

### On Site Security

Paul Parry explained some of the practical issues experienced on the project "Access and security were major concerns for our customer when deciding on what type of building to supply. We provided a twin rapid action door system for goods in and out which helped their forklift operation - our doors operate at 1m/sec timing.



### The Cooling System

This helped with their production in the main factory and didn't slowdown movement to and from the new building. In addition to this, the customer wanted a fixed structure with solid panelled walls and not an inflatable building. They also wanted it secure and able to offer a food-safe environment with walls easy to wash down during their daily cleansing routing," confirmed Parry.

## The Complete Package

The refrigeration package provided by Cool Energy to chill the store was a **multi-chiller system** operation supplying **internally sited cooling coils**. The system also provided an audible and visual temperature alarm system linked to the customers control room in the factory. A separate SMS messaging system was also supplied directly to Cool Energy's 24-hour mobile service support team relaying any alarms off site.

Paul Parry concluded, "We are really happy with this store because our customer has been able to maintain their production and growth. We have offered them a low-cost rental option for this building, which they can budget for because our prices won't change for the whole rental period. They have also negotiated a reduction at the end of the period should they choose to extend their rental with us. By that time, they will know if their new brand requires the same storage or if it can be located in their existing factory space."

## Nationwide Support

Cool Energy, who also operates throughout Ireland and Europe, rent air and water-cooled chillers, air blast coolers, air handling units, fan coils and air conditioners throughout the UK and Europe.

They also install their equipment where needed and supply flexible water hoses, pipework connections, heat exchangers, power cable and generators.

Cool Energy rentals also include 24/7 maintenance throughout the project period.

Cool Energy can be contacted on **0800 840 4210** or via email on **info@coolenergy.co.uk**

