

## East Midlands Cold Store Project

A Midlands based customer needed to change the use of their existing ambient store to meet the needs of their client or look for a remote site offering chilled storage space.

### Cool Energy installs Rugby rental project

Cool Energy has completed the installation of a **45m x 25m** temporary chill store within an existing distribution centre.



distribution centre

### Client specifications

Following a feasibility study to determine the use of a **remote** site 5 miles away and building a fixed chill store on site, the client decided to go ahead with a 12-month contract with Cool Energy.

Cool Energy project manager for the site, Paul Parry explained, "Our customer wanted additional space to meet a contract with his customer for a **minimum 1 year operation** to manage the success of a new product but did not expect the lead time to be so immediate.

He also wanted to retain control of the customers' products on his existing site with his own staff who were experienced at controlling the specific distribution of their products. We had previously supplied external chill store structures in Corby, Sheffield and Edinburgh and quickly agreed on a structure to be housed within their facility.

However, this has been our first internal project of this size measuring **45m x 25m** and with 3m to the ceiling. Our client is now able to **stack his pallets 2 high** and manage the stock turnover efficiently with the space available within the store.

We supplied fully insulated **80mm Kingspan panels** to manage a **+3°C** store temperature and automatic shutter door to keep any ingress to a minimum."

### Fast installation

The store was constructed within a 2 week lead-time to meet the customers' own timetable – however a faster installation timetable was available. This was sited in the main ambient store to provide a suitable foundation for the temporary fixed structure.



equipment installed

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. 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.

### Refrigeration package

The refrigeration package provided by Cool Energy to chill the store was a single **R410a rental chiller** with 4 off scroll compressors linked to **3 off internally sited cooling coils**. The system also provided an audible and visual temperature alarm system linked to the customers control room in the main operations room.

## SMS Messaging system

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 existing ambient storage and provide services for chilled products 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 By that time, they will know if their customer requires the same storage or if they want to expand our existing unit which is possible."

## Nationwide Rental 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 on a same or next day basis throughout the UK and Europe.

Installation can be provided where needed and flexible water hoses, pipework connections, heat exchangers, power cable and generators can be supplied.

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](mailto:info@coolenergy.co.uk)**

