

# Case Study



RENTAL SYSTEMS

Logistics -  
Warehouse  
Cooling Hire  
2,000 kW Chiller Hire  
Chill Store,  
Peterborough



## The challenge

To provide temporary cooling for a major food distribution cold store in Peterborough, to enable it to continue operating while existing ammonia chillers were shut down for essential maintenance.

### What did we do?

The requirement was to maintain 3-4deg C throughout the facility during shutdown of the main chillers, to enable it to operate as normal. Carrier Rental Services carried out a site survey at the mammoth 200,000 m<sup>3</sup> regional facility, and came up with a competitive and efficient solution.

### How did we do it?

We designed a bespoke rental package based on internal Air Handling Units and low noise Carrier chillers, to maintain 3.5deg C throughout the cold store. Our key account manager worked closely with the customer to integrate the solution into the store, and avoid any disruption to the operation. We supplied 12 x 450 kW internal Air Handling Units (AHUs), pipe work supports across walk ways, temporary fencing for safety, our latest low noise 500 kw Carrier chillers, multiple pump sets, generators, cable / distribution and over 1,000 m of pipe work.

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## Results

The project was delivered on time, on budget and without disruption, enabling the client to complete essential maintenance of existing ammonia chillers, while continuing to operate the business as normal.

Commenting on the project, CRS director Marc White said: *"We have had many years' experience providing temporary cooling solutions for the food storage and distribution industry. No project is too small or too large, as this successful mammoth contract demonstrates!"*

<b>Equipment</b>	12 x 450 kW internal Air Handling Units, and low noise 500 kW Carrier chillers
<b>End user</b>	Food storage and logistics specialist
<b>Application</b>	Temporary cooling for chilled food RDC during essential maintenance
<b>Additional</b>	Pipe work supports, temporary safety fencing, multiple pump sets, generators, cable / distribution and more than 1,000 m of pipe work