

Case Study



RENTAL SYSTEMS

Warehouse
Distribution Centre
402 kW Chiller Hire
Process Cooling,
Derbyshire



The challenge

This distribution and logistics specialist faced a potential melt-down as hundreds of thousands of pounds-worth of stored chocolate risked melting in its warehouse in the face of a Spring heat wave. The company required an urgent response to ensure stock was kept cool, while the fixed on-site cooling system was completed and commissioned.

What did we do?

A member of our rapid response team visited the site and assessed the cooling requirement. The chocolate in the distribution centre had to be kept below 22deg C in order to maintain its quality; however temperatures were nudging upwards by the hour. A proposal for a temporary cooling solution was put forward and accepted by the end user, and CRS swung into action.

How did we do it?

We delivered to site a CRS 402 chiller complete with two CRS 450 air handling units to provide the required temporary cooling. The plant was powered by a 350 Kva generator with associated power distribution.

The CRS team positioned the chiller outside on a loading bay, with the generator package adjacent together with the buffer vessel. Air handling units were sited within the distribution warehouse and connected to the chiller by temporary hoses running under a loading bay door.

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Results

Equipment was delivered to site, installed and operational within four hours. Temperatures were quickly restored to comfortably within the safe limit. The hire solution lasted for around four weeks, until the fixed system was fully operational. The client was delighted with the speed of our response and the effectiveness of the project in protecting their own client's assets and future business relationship.

End user	Logistics and distribution company
Application	Warehouse cooling
Equipment	CRS 402 Chiller, 2 x CRS 450 air handling units
Accessories	Flexible Pipe Work, Cables, Distribution