

Case study 355

Postal service kept cool

When a major postal service operator sought an emergency cooling solution for one of their bases in Devon, Andrews Chillers stepped in to ensure the requirement was met.

The client's entire building was left without any air conditioning following the breakdown of their existing chiller unit, prompting an alternative to be sought with high seasonal temperatures causing conditions to be stuffy and uncomfortable.

One of our local experts visited the site on the same day of enquiry and calculated the required cooling duty before proposing a chiller hire arrangement. The customer was looking for a unit capable of providing cooling for a large open office as well as the sorting area – both of which were left without any form of climate control.

It was decided that the client's decommissioned chillers could be adequately replaced by using a single 250kW hire unit. This product can reduce temperatures to as low as -5°C , which was more than adequate in this situation, and it was installed less than 24 hours after contact was first made.

A four-week rental was provisionally agreed on the assumption that the original equipment would have been repaired during that time.

Despite the urgent nature of the project, the customer was very pleased with the professionalism of our staff who allowed everything to run smoothly from the outset. As expected, our unit acted as a perfect substitute in the absence of permanent cooling equipment and was connected to the original pipework without any issue at all.



Nominal cooling duty 250kW
Plug type Hard wired 4 x 95 mm²
Noise level (max) 80 dBA @ 3 metres
97 LWA @ 3 metres

Weight 2,810 kg
Control Automatic programmer
Average power consumption 44.8 kW/h
Generator size 140 kVA
Water connection 80 mm (3") bauer
Nominal water flow 12 l/s
Low temperature* Down to -5°C
Power supply 415 V 3 ph +E 50 Hz Run 144A
Dimensions (L x W x H) 4,874 x 2,282 x 2,190 mm



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