

Case study 329

Hotel's failed cooling system replaced

At Andrews Chillers, we recognise the importance of guests enjoying their stay and the impact even the smallest details can have on your hotel's reputation. Failure to provide appropriate cooling – particularly during the summer months – can backfire spectacularly and affect guest satisfaction to the extent that they never wish to return. Fortunately, we have over fifty years' experience providing short-term hire arrangements and a full range of units to suit any environment.

A five-star hotel in Westminster undergoing a major refurbishment looked to replace their air conditioning system during a peak period, and the hope was that this would be possible without taking existing chillers offline. Unfortunately for our client this wasn't possible, and so they contacted Andrews Chillers to provide a substitute unit to operate while work was being carried out.

After the initial site survey a 750kW chiller on a trailer was situated at the rear of the hotel, with hoses then passed down a light well via a basement and corridor. These were then connected to the chiller circuit, instantly restoring cooling to the entire premises. The sheer urgency of this particular application rendered it essential that alternative equipment was delivered to site quickly – with the hire package fully installed within 24 hours of enquiry.

Despite restricted site access and very little margin for error, we completed the project without any complications which ensured visitors were kept comfortable throughout their stay. So satisfied was our client that they e-mailed us an extremely positive testimonial that indicated we would be contacted without hesitation should similar scenarios surface in the future.



Nominal cooling duty 750 kW
Power supply 415 V 3 ph Run 576 A
Plug type Hard wired 4 x 35mm²
Noise level (max) 77 dBA @ 3 metres
Weight 7,450 kg
Dimension 6,058 x 2,438 x 2,591mm
Control Automatic programmer
Average power consumption 218 kW/hr
Generator size 550 kVA
Water connection 100 mm (4" Bauer)
Nominal water flow 37.5l/s
Low temp -12C



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