

Case study 465

Andrews provides Britains leading TV talent show with emergency cooling

Andrews Air Conditioning Hire recently received an emergency 11th hour enquiry from a well-known production company responsible for screening of one the country's best-loved talent shows.

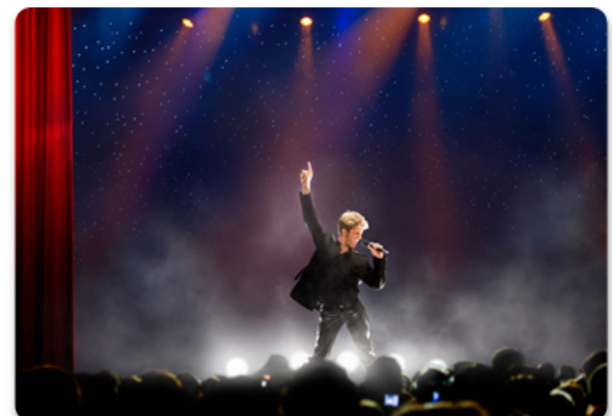
Failure to react immediately would have had serious ramifications and left that week's show in jeopardy, meaning a quick response was essential.

The client in question had created a temporary production room where most of the show's editing and filming is carried out. This room contains a large quantity of temperature-sensitive electronic equipment that is constantly at risk of overheating. The repercussions of this happening just before or even during the broadcast are obviously catastrophic, and so the client was keen to ensure this disastrous situation was avoided at all costs. It was therefore imperative that we proposed a suitable air conditioning hire arrangement as a soon as the call was received.

Due to the urgency of the situation, our specialists were required to assess the requirements immediately as there was no time to conduct a site survey. Once the size and dimensions of the application were ascertained, we were able to recommend and deliver a temporary cooling solution comprising of several PAC22 portable air conditioning units.

Our local engineers managed to deliver the emergency air conditioning equipment just two hours after contact was made, positioning them inside the production room. Hoses were then run through a hole in the wall leading to an outdoor car park where the condensers were located.

Much to the client's delight, our immediate response and expert knowledge helped to effectively reduced temperatures on site without causing any disruption to filming. The temporary cooling solution was retained for the next few weeks, until our client had finished shooting the series, keeping a highly popular TV show on air without any problems.



Nominal cooling duty 6.47kW
Air flow (max) 990m³/h
Typical cooled area 156m²
Power supply 230V 1ph 50Hz Run 7.3A
Noise level (max) 52 dba @ 3m
Indoor weight 122kg
Outdoor weight 20kg
Indoor dimensions (mm) 850 x 380 x 1,240
Outdoor dimensions (mm) 565 x 285 x 520
PAC line length 5 metres (max 30 metres)
Control Automatic thermostat
Average power consumption 2.0 kW/h
Optional cold air duct 2 x 200mm x 5m



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