

Case study 485

Pilot graduation saved by Andrews Air Conditioning

The management team at a well-known Winchester hotel sought the expertise of Andrews Air Conditioning ahead of a pilot graduation event that was scheduled there. The ceremony was due to take place in a large marquee situated within the grounds of the hotel, but fluctuating weather conditions made it very difficult for organisers to gauge what temperature to expect on the day.

As such, precautions needed to be taken to ensure the marquee was comfortable regardless of the outdoor ambient temperature.

Our experts visited the hotel to carry out a site survey which led us towards finding the best solution for the application. As a result, we decided to install a single HPAC90 hired air conditioner. This high capacity unit can provide both cooling and heating depending on the weather, therefore covering the client in any eventuality.

The customer's main concern was finding an adequate power source and concealing the unit from attendees and visitors. Our specialists suggested using a 150kVA generator instead of power available on site as there were concerns that this might interfere with the sound engineers working during the event.

Our team carried out a second site visit and follow-up meeting with the companies arranging the event to ensure our unit was operating as expected. One of our sales managers also attended the dress rehearsal to make sure the customer was happy with the temperature control.

As was the case with the practice event, the actual ceremony also passed off without incident and prompted the customer to conclude that everything had run smoothly. Warm temperatures on the day of the main event meant that air conditioning functionality was required, with our air conditioning rental providing extremely successful in overcoming what was effectively an unknown requirement.



Nominal heating duty 90kW
Nominal cooling duty 90kW
Air flow (max) 15000 m³/h
Typical cooled area 2000 m²
Power supply 415 V 3 ph N+E RUN 84A
Noise level (max) 72.2 dBA @ 3m
Weight (kg) 1640 kg
Plug type BS4343 125 A 5 Pin
Average power consumption 26.1 kW/h
Duct length (max) 48m
Duct diameter size 600mm
Condensate Gravity drain
Dimensions 2280 x 2030 x 2450
Duct size (supply air) 2 x 600 mm
Duct size (return air) 2 x 600 mm
Control Automatic thermostat



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