

# Case study 453

## Air conditioning hire safeguards seminar from heat

When a well-known events venue suffered chiller failure the day before they were expected to accommodate a highly publicised seminar, an immediate solution was required to safeguard all rooms against the heat.

The client's original unit was old and temperamental and so the eventual breakdown was perhaps inevitable. Andrews Air Conditioning Hire were contacted within minutes of the unit failing, enabling a regional specialist to conduct a same day site survey. After discussions, our experts proposed and agreed upon six PAC 22 split type air conditioners.

The portable units were positioned at the highest points around the room with the internal unit connected to the external Heat Exchangers on the balcony via small opening windows – giving the venue an optimal level of comfort cooling.

To ensure our client met the expectations of their guests, the units were operational throughout the night ready for the seminar in the morning and then reactivated in the afternoon before the afternoon seminar. Everything was prepared in advance to ensure that approximately 1,000 guests could be kept cool upon arrival.

Our swift reaction to an emergency callout prevented the delay and cancellation of the seminar. As a result, the customer was extremely impressed with the efficiency of our technicians who worked during the night to ensure the air conditioning rental was operational.



Nominal cooling duty 6.47kW  
Air flow (max) 990m<sup>3</sup>/h  
Typical cooled area 156m<sup>2</sup>  
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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