

# Case study 442

## Museum servers kept online during refurb

In the modern day, server rooms are present in a large number of buildings due to an increasing reliance on information technology. The sensitive equipment contained in such applications must be carefully monitored at all times – with climate factors the most common cause of data systems breaking down.

So when a nationally renowned southern-based museum sought to protect their servers during a period of renovation, they contacted us at Andrews Air Conditioning requesting hired cooling units. Our client were in the process of removing harmful asbestos from the application's ceiling, but in doing so had to relocate critical electronics to another part of the site. It was therefore hoped that we could provide some portable air conditioning models to help convert an unused part of the building into a temporary server room.

Having assessed the specifications of the proposed new area, an Andrews technician was able to propose a suitable arrangement befitting of this specialist environment. Three PAC 22 split-type models were then delivered to the museum grounds less than four hours after the original call, and installed a short while after.

The facilities manager involved in coordinating the hire has suggested that our units will be required until the refurbishment has been completed in its entirety – potentially as long as six months. These have however been working perfectly during the initial stages of the project, keeping vital computer hardware online without any issue at all.



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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