

# Case study 443

## Office workers kept cool by Andrews Air Conditioning swift response

When a well-known construction and property company in London suffered chiller failure at their Bond Street headquarters, an emergency hire was necessary to keep staff comfortable on site. By the client's own admission, their original unit was very old and temperamental so the eventual breakdown came as no surprise.

It was therefore imperative that a quick solution was proposed to ensure critical areas of the building had their cooling facilities restored. These included a large canteen, a storeroom, and a top floor office surrounded by a glass ceiling. This room in particular was extremely susceptible to overheating.

Our response was to recommend and commission some temporary air conditioning systems while taking careful steps to prevent workers and operations from being disturbed. A regional technician based in the city was able to visit the customer's premises within an hour of us receiving the enquiry, with a quotation also provided following an assessment.

Five portable PAC22 split-type units were then delivered to the complex within a few hours of the original site survey. Installation was carried out by a qualified engineer and a follow-up visit arranged for a few days later to ascertain whether there would be any need for additional kit.

As expected, the client was very happy with our air conditioning hire package which had operated perfectly while repairs were carried out on the faulty chiller. The satisfaction of service was undoubtedly a contributing factor in our local expert being asked to spec a separate project, having devised such an effective arrangement previously.



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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AIR CONDITIONING**

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