

Case study 470

Andrews provide multi-storey building with emergency cooling equipment

A facilities management company in Glasgow was in search of a short-term cooling solution to reduce temperatures in their client's multi-storey building. The premises are home to a number of blue chip companies and household names operating in the economic services sector.

There were approximately 100 employees working on each floor during the height of summer, so an immediate climate control solution was urgently required to keep staff from overheating. The cooling system originally in place broke down unexpectedly, leaving the entire building without a source of air conditioning.

Repair works were expected to take a number of weeks, resulting in our specialists being drafted in and asked to provide effective cooling equipment to restore desirable temperatures within the offices.

After conducting a comprehensive site survey, our experts decided that the best course of action would be to install thirteen PAC 22 portable air conditioners – with each unit capable of cooling areas of up to 156 cubic meters. Our initial assessment allowed us to strategically locate each unit to ensure the most vulnerable areas were tackled effectively.

We provided the client with an out-of-hours installation service to ensure that all units were provided within hours of initial enquiry. This arrangement meant the temporary air conditioning system was installed and commissioned overnight, averting the possibility of disruption during a busy working day.

Once set up, the air conditioning hire package succeeded in maintaining a comfortable working environment and ensuring a reliable source of air conditioning was restored indefinitely.



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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