

Case study 471

Andrews Air Conditioning Hire provide emergency cooling for office building

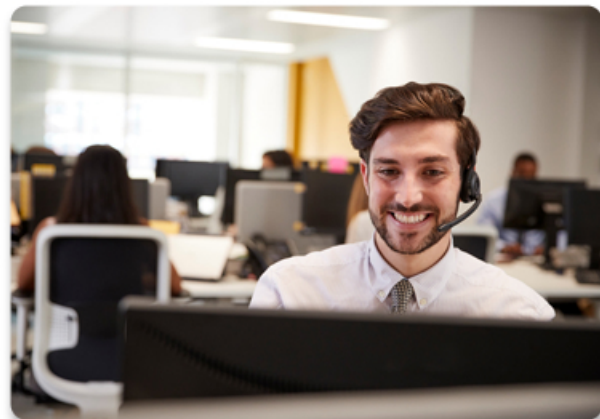
Andrews Air Conditioning Hire was recently contacted by a Scottish facilities management company who required an emergency cooling solution for one of their biggest clients, based in Clydebank.

The company in question was tasked with sourcing immediate cooling equipment that could successfully supply a large four-storey office building with a temporary air conditioning arrangement. This particular requirement surfaced after our customer's permanent chiller system broke down during the height of summer, leaving employees on site extremely warm.

Our specialists were urgently drafted in to conduct an extensive site survey of the application to gain a better understanding of the cooling capacities required. After discussions, it was decided the best course of action would be to install and deploy four PAC 22 portable air conditioning units.

The temporary air conditioning units were situated at ground level outside the building, with cold air ducted inside through windows on each floor. Once commissioned, our air conditioning hire package worked perfectly to instil suitable working conditions by generating huge volumes of cool air for all four offices.

The units we recommended were extremely successful in maintaining the desired temperature and ensuring all staff were kept cool and comfortable while repair works were carried out on the client's defective chiller system.



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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