

Case study 414

Server Room Kept Cool

Server rooms, data centres and other computer facilities face a near-constant battle to keep cool, as regular technological advances lead to processing power steadily increasing. This naturally causes internal temperatures to rise and puts vital IT equipment at risk of permanent damage. Breakdown or inefficient activity can have a dramatic effect on a business's continued running, underlining the importance of protecting your resources before this eventuality occurs.

At Andrews Air Conditioning, we appreciate that inadequate climate control is arguably the biggest factor that affects the environmental security of server rooms and similar applications. As the country's leading supplier of bespoke cooling solutions, we offer the widest range of units for hire across an extensive depot network spanning the entire UK. This allows us to guarantee delivery of sophisticated systems or single units 24 hours a day – something our competitors cannot offer. Our all-encompassing service and expert staff have allowed us to become established as the most reputable specialist hire company in Europe.

So when a global telecommunication corporation encountered a heating issue with one of its telephone exchange hubs in Suffolk, they contacted us seeking a temporary remedy to keep the provision online. After ascertaining the dimensions and use of the premises in question, we delivered and installed two PAC22 split-type air conditioners to ensure conditions were restored to a desirable level.

Our quick response to the problem at hand kept an essential electronic source functional despite initially being in danger of going down. With unrivalled experience providing short-term cooling solutions across a full spectrum of industries, Andrews Air Conditioning is the first port of call for contractors up and down the country.



Nominal cooling duty 6.5 kW
Indoor noise level (max) 65 dBA@3 m
Typical cooled area 156 m
Outdoor noise level (max) 62 dBA @2 m
Power supply 230 V 1 ph 50 Hz
Run 11 A
Indoor weight 119 kg
Control Automatic thermostat
Outdoor weight 20 kg
Average power consumption 2.4 kW/hr
Outdoor dimensions 285 x 565 x 520 mm
Indoor dimensions 820 x 390 x 1,245 mm
PAC line length 5 metres (max 30 metres)



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