

Case study 432

Theatre servers kept cool

Computers, telecommunication equipment and other electronic components are paramount to the sustained running of every modern day business. Hardware of this nature is however, extremely susceptible to its environment and conditions, which is why companies now invest much time and money on effective climate control. At Andrews Air Conditioning, we understand that when your servers go down, your operations may quickly follow. That's why we offer hire equipment within four hours of contact, as well as a risk assessment service and even round-the-clock assistance, if necessary.

So when an existing customer – a London theatre – had a problem with their server room, an alternative cooling solution was urgently required to ensure planned schedules were adhered to. Having used our services on numerous occasions, the client knew we could provide substitute equipment quickly and without affecting their busy programme.

With vital servers sensitive to heat, humidity and dust, it was important that a suitable air conditioning unit was deployed while an existing system underwent repair. We therefore delivered and installed a PAC22 portable cooler which was specifically designed with data rooms and related applications in mind. Capable of reducing the temperature in rooms up to 156m³ in size, this particular model also has low average power consumption. This particular characteristic is of huge benefit when stationed in areas where the unit itself needs to be constantly in use.

Our solution was very well-received by the customer and prevented them suffering any downtime, which was the primary aim. The entire vicinity was kept cool throughout the hire, safeguarding a vital facility from potentially damaging levels of heat.



ANDREWS
AIR CONDITIONING

HIRE SALES SERVICE INSTALL

0800 211 611

andrews-sykes.com

Nominal cooling duty 6.5 kW
Typical cooled area 156 m³
Power supply 230 V 1 ph 50 Hz Run 7.3 A
Control Automatic thermostat
Average power consumption 2.0 kW/hr
Indoor dimensions 380 x 850 x 1,240 mm
Indoor noise level (max) 62 dBA @ 3 metres
Outdoor noise level (max) 62 dBA @ 3 metres
Indoor weight 122 kg
Outdoor weight 20 kg
Outdoor dimensions 280 x 560 x 520
PAC line length 5 metres (max 30 metres)