

Case study 440

FM company sources office and server room AC

When a multi-storey office complex suffered chiller failure the day before a bank holiday weekend, the facilities management company in charge of the premises contacted us at short notice to arrange a solution before workers returned. The pipework on our client's existing chiller had become damaged which meant alternative cooling equipment was required on site while repairs were carried out.

We received the first call at 10am and were informed that temporary air conditioning would be needed across two floors of office space. This was then followed up shortly after with a second call outlining a requirement for additional cooling to protect vital electronics located in a server room located on the same premises.

With the situation potentially critical, it was imperative that we delivered replacement units quickly to prevent any downtime or lost output. Thirty PAC 22 portable air conditioners were then delivered to the address in London and installed by a technician who was sent to site. Twenty units were set up around the two offices, with a further ten used specifically for the purpose of keeping server computers fully operational.

The client was very impressed with our speed of service and level of communication throughout the hire's entirety. An engineer visited the building midway through the project to ensure all units were still working efficiently. Our PAC 22s were then collected once the previously faulty chillers had been fixed – around three weeks after the original enquiry.



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)

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