

Case study 478

Andrews Sykes hire provides cooling for Peterborough broadcast company

Heatwaves have the potential to cause problems for a broad range of businesses, with companies operating out of warehouses and factories among those likely to be affected.

During the warm summer period, a broadcasting hardware company in Cambridgeshire was experiencing issues with their cooling system which was jeopardising the company's daily operations. This prompted the client to contact Andrews Air Conditioning for a solution to maintain a comfortable environment for their employees.

The organisation in question sells transmission equipment including camera accessories and testing facilities and were duty-bound to take measures that would reduce temperatures on site for staff. The seller was fitting out broadcast vehicles during the summer period at another branch nearby, and it was at this time that the heatwave became overwhelming inside their premises.

After conducting a free site survey, our experts decided to install a high-performance air conditioner – the HPAC45 – which provides a nominal cooling capacity of 45kW. The product was sited externally with cool air ducted into the workshop to provide air conditioning for the company's engineers.

Had we not reacted quickly and provided an adequately sized air conditioning unit, the heat could have led to everyday tasks taking longer than usual as a result of the sweltering conditions. Our experts were successful in bringing the temperature down to a more desirable level and developing a good relationship with the customer in the process.

A follow-up site visit was undertaken to confirm that the unit had performed as expected, underlining the quality of service for which we are renowned. The client was extremely satisfied with the outcome and has provisionally agreed to a similar order next summer.



Nominal heating duty 44.3 kW
Nominal cooling duty 42.8kW
Air flow (max) 7,5000 m3/h
Typical cooled area 1,000m3
Power supply 415 V 3 ph N + E Run 40A
Noise level (max) 65.4 dBA @ 3 metre
Weight(kg) 780kg
Dimensions (L x W x H) 1,937x1,340x2,170mm
Plug type BS4343 63 A 5 pin
Average power consumption 12.4kW/hr
Duct length(max) 16 metres
Duct diameter size 600mm
Condensate Gravity drain
Control Automatic thermostat



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