

Case study 468

Andrews provide emergency cooling for large print company

Andrews Air Conditioning Hire was recently contacted by the largest print company in the South East of England after an emergency cooling requirement surfaced during the middle of a heatwave.

The client in question are a well-known specialist print finisher, whose services include laminating, UV varnishing, spot UV and binding. Their broad expertise means that a lot of different machines operate simultaneously on site which, combined with soaring seasonal temperatures, contrived to leave factory workers sweltering.

They were therefore in desperate need of a short-term cooling solution for the application and so an expert was sent to site to assess the premises. Our technician was tasked with providing an emergency air conditioning rental package to ensure that heavy duty equipment was not damaged by overheating, and that staff were provided with a comfortable working environment.

After a free site survey, our specialist recommended two temporary HPAC 45 air conditioning units which were sited in the warehouse car park. Ducting was then used to help direct cold air inside the building and instil the conditions necessary to appease the company's employees.

Once commissioned, our air conditioning hire arrangement worked perfectly to provide huge volumes of cool, fresh air into the affected area. The units we recommended were extremely successful in maintaining the desired temperature and ensuring everything ran smoothly in the absence of a permanent air conditioning system.



Nominal cooling/ heating duty 45kW
Air flow (max) 7,500 m³/h
Typical cooled area 1,000 m²
Power supply 415 v 3 ph N+E RUN 40 A
Plug type BS4343 63 A 5 Pin
Noise level (max) 65.4 dBA @ 3 metres
Weight 780 kg
Duct length (max) 16 metres
Control Automatic thermostat*
Average power consumption 12.4 kW/h
Duct Diameter 600 mm
Dimensions (LxWxH) 1,937 x 1,340 x 2,170 mm
*Capable of operating down to 10°C



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