

Case study 426

Cooling Hire For CD Production Line

In the manufacturing industry especially, effective climate control can help maximise your output by keeping staff comfortable at all times. A company's income is wholly dependent on schedules and targets being adhered to, so when excessive temperatures threaten to jeopardise this, Andrews Air Conditioning are on hand to assist you. With depots located nationwide, we are able to offer clients 24 hour protection – enabling us to provide bespoke, temporary equipment before your business is affected.

A manufacturer of compact discs required our services due to their factory becoming increasingly warm. Machinery was therefore extremely susceptible to overheating, with the implications of downtime including reduced productivity and revenue streams. The customer contacted us in search of a cooling solution, and a qualified technician was sent to the premises where they conducted a vigorous site assessment.

It was then decided that three PAC 22 units would be installed inside the factory to help bring internal temperatures down to a more suitable level. This particular model of air conditioner was specifically chosen because of its versatile operation. Mobile yet incredibly powerful, a length of flexible line allows the two main components to be up to 30m apart – making it ideal for problematic environments where outdoor access is restricted.

Our quick response and choice of hire package ensured the client's process was able to proceed unhindered. We were able to keep the application cool, avoiding any interruption during a pivotal spell of production. As such, the customer was very pleased with our recommendation and quick response which served to maintain output throughout the entire rental period.



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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