

Case study 467

London coffee roasting company seek urgent cooling solution

Andrews Air Conditioning Hire recently received an urgent enquiry from a renowned coffee roasting company who were in desperate need of a cooling solution to reduce temperatures in their warehouse.

The company in question are an award-winning business based in London who sell their produce to high-end clients and coffee brewers across the country. During the recent heatwave, our client's transforming machine produced excessive heat within the warehouse – but they were keen to ensure their staff were kept cool while going about their daily tasks.

Avoiding further downtime and restoring a comfortable environment were our customer's main priorities, so our specialists were sent to site to conduct a free survey of the premises and propose a suitable short-term cooling solution that would successfully reduce internal temperatures.

Following discussions, it was decided that the best solution would be to deploy and install several ET25 portable air conditioners because of the various cold air ducts that the units possess – enabling the client to evenly distribute cooling throughout the premises. The temporary air conditioners were positioned directly inside the building, with the units' cold air ducts used to keep the worst-affected areas cool. A unit was also specifically used to blow directly onto the roaster which immediately reduced the heat load being generated.

Our quick response played a pivotal role in keeping the factory operational, with the high-volume cooling system drastically reducing temperatures and providing staff with a comfortable working environment. The presence of our air conditioning hire arrangement also helped restore productivity to optimum levels, as there was no longer a need for employees to take intermittent breaks.



Nominal cooling duty 7.33kW
Air flow (max) 960 m³/h
Typical cooled area 159m²
Power supply 230 V 1 ph 50 Hz Run 13 A
Noise level (max) 69 dBA @ 1 metre
Weight 90 kg
Dimension 590 x 490 x 1,300 mm
Exhaust duct 12 metres
Control High pressure switch - 3min. delay timer. Thermostat and relief valve.
Average power consumption 2.6 kW/hr



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