

# Case study 459

## Andrews provide air conditioning hire for Gatwick Airport

An uncomfortably hot working environment can directly affect the productivity levels of your staff if not quickly addressed. So, when Gatwick Airport submitted an urgent request for some short-term cooling, Andrews Air Conditioning Hire reacted quickly to ensure the requirement was immediately met.

The client was undergoing a major refurbishment project in their workshop engineering bays and offices but due to the nature of their work, it was not possible for normal operations stop at any stage.

Shortly after initial contact, one of our local specialists visited site to conduct a free and comprehensive site survey. This process ensured we recommended the most suitable climate control rental package for the application which could effectively reduce temperatures – and minimise much valued space on site.

We proposed the installation of a high capacity HPAC90 air conditioning unit with temporary ducting connecting to the existing ductwork system. One outlet was attached to the back of the customer's fan coil units to provide fresh air to the offices, while the other outlet provided cooled air to the four bays being used by engineers on site.

This temporary high-volume cooling system was perfect for combating the application's high temperatures while drastically improving working conditions for employees – allowing them to continue as normal as the development proceeded.



Nominal cooling/ heating duty 90 kW  
Air flow (max) 15,000 m<sup>3</sup>/h  
Typical cooled area 2000 m<sup>2</sup>  
Power supply 415 v 3 ph N+E RUN 84 A  
Plug type BS4343 125 A 5 Pin  
Noise level (max) 75.2 dBA @ 3 metres  
Weight 1,640 kg  
Dimensions (LxWxH) 2,280 x 2,030 x 2,450 mm  
Duct length (max) 48 metres  
Control Automatic thermostat\*  
Average power consumption 48.4 kW/h  
Duct Diameter 600 mm  
\*Capable of operating down to 10°C



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