

# Case study 429

## Classroom supplied with air conditioning

At Andrews Air Conditioning, we are widely experienced in devising and installing temporary cooling systems for schools, universities and similar establishments. Our extensive product range and understanding of the industry's requirements make us exceptionally well placed to deliver the right equipment for any application. By acknowledging the correlation between ineffective climate control and dwindling concentration levels, we recognise the importance of implementing solutions as quickly as possible.

So when a school in North East London had an overheating issue during a warm spell, they contacted us in search of a short-term equipment hire. Fixed units on the site were undergoing crucial maintenance, meaning an alternative was needed to ensure people in the building were kept comfortable. As an existing client, there was no need for a site survey and the enquiry was handled by a member of our contact centre.

Six Polar Wind portable units were deemed sufficient to keep internal temperatures at the desired level, and these were delivered shortly after the initial phone call. This particular model of air conditioner was specifically recommended because of its suitability for rooms up to 99m<sup>3</sup> in size. Its small dimensions and size allow deployment even in areas where there is limited space, like classrooms and offices. The unit runs on a standard 230V power supply and is capable of near-silent operation, making it ideal for learning environments.

The customer was very pleased with our swift response which kept all parts of the school functional while necessary maintenance work was carried out. This enabled one of the capital's specialist educational facilities to remain open during a potentially problematic period.



Nominal cooling duty 4.1 kW  
Air flow (max) 360 m<sup>3</sup>/h  
Typical cooled area 99m<sup>3</sup>  
Power supply 230 V 1 ph 50 Hz Run 9 A  
Noise level (max) 56 dBA @ 1 metre  
Weight 45 kg  
Dimension 400 x 480 x 840 mm  
Exhaust duct 2m x 127 mm diameter  
Control remote with auto thermostat  
Average power consumption 1.8 kW/hr



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