

Case study 157

Heating hire keeps MOD college open

A highly recognised defence college in north Wiltshire required temporary heating on site to keep students warm during the harsh winter months. This led to Andrews Heat for Hire being contacted and asked to provide a suitable solution until cold weather had passed.

After receiving several weather related complaints from both lecturers and students, there was an immediate requirement for targeted climate control in all engineering training workshops.

A site survey was arranged and conducted by a regional expert who proposed a tailored heater hire package comprising of four electric heaters, three ID65 and an Aurora FH 185 oil heater. With an additional demand for power to heat the large workshops, our experts recommended using two generators to compensate for a lack of electricity availability on site.

The units were deployed outside their target locations, with the warm air being ducted into the building. Our engineers built containment panelling with ducted cabling positioned at high level, avoiding trip hazards which may have existed due to the university's high traffic flow.

The short-term heating solution was deemed perfect for the application and produced large volumes of warm air within seconds of operation. The rented heating was scheduled to remain in place for the duration of winter and have so far proved extremely effective in maintaining stable temperatures – ensuring students and lecturers remain comfortable.



Nominal heating duty 200kW 658,516 btu
Air flow (max) 15,000m³
Typical heated area 4,204 m²
Power supply 415 V 3 ph +E 50 Hz
Plug type BS4343 4 pin 3 ph 32 A
Generator size 27 kVA
Noise level (max) 82 dBA @ 1 metre
Weight 428 kg
Dimension 2,710 x 910 x 1,520 mm
Control Manual, External controls available
Duct length (max) 40 metres
Duct size 600 mm
Fuel Consumption 18 ltrs/hr
Fuel type Gas Oil
Flue 1 metre



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