

Case study 147

London regeneration sees new school built

With demand for schools continuing to soar in Greater London, a number of additional facilities have been planned for construction across the region. As part of this programme, the development of a new school in South East London was given the go-ahead and is being built by a leading housebuilding and construction group. The project was advancing rapidly but low temperature-related complications at the fit-out phase had threatened to cause delays.

It was crucial that a steady ambient temperature was maintained for the taping and jointing work, but this was made difficult by the unpredictable winter weather. At this juncture, Andrews Heat for Hire were approached by the contractor and asked to recommend equipment based on the site's unique specifications.

One of our regional specialists visited the location to assess the options available, eventually advocating the use of four ID65 oil heaters. These units were deliberately selected because of their ability to operate in areas with limited power supply. It was also decided that four smaller heaters would be more beneficial to the customer than a single high capacity model because of the flexibility this arrangement offered. In addition, a 3000 litre fuel tank was provided, along with several 90 litre fuel buggies – making it easier for the client to manage fuel distribution to the less accessible parts of the site.

Aided by the deployment of our heaters, the construction firm were able to successfully complete the taping and jointing works. These were eventually replaced by smaller DE25 electric heaters – following the installation of an electrical power supply – which were required to heat much smaller areas during the final stages of this particular task.



Nominal heating duty 65 kW
Air flow (max) 4,460 m³/h
Typical heated area 1,625 m³/h
Power supply 230/110 V
Noise level (max) 72 dBA @ 1 metres
Weight 230 kg
Dimensions 1,580 x 730 x 1,300 mm
Minimum flue 600 x 180 mm
Max duct length 24 metres
Duct diameter size 450 mm
Fuel consumption 5.25 l/h



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