

Case study 102

Heating in Construction

Andrews Heat for Hire often receives calls from large construction companies. In London a major construction project was taking place in a building across five floors in wet and damp conditions, running the risk of delayed completion. The construction company called Andrews Heat for Hire for a solution to the problem. Within four hours Andrews delivered two FH250 site heaters, a product specifically developed to deliver large volumes of clean heat over long distances. The FH250 can work unattended for extended periods of time in the most arduous conditions. The heater was placed externally to avoid potential hazards such as forklifts or cranes.



Andrews Dehumidification supplied the site with fifteen HD 500 dryers, built to withstand construction site conditions whilst also decreasing the potential damage caused by excess moisture. The heater and dryer work together to ensure a fast and efficient drying process. The HD 500s were distributed over each floor while the heaters were located at each stairwell and using the maximum 45 meters of ducting, the warm air was ducted into specific areas.



The client opted for a fuel management scheme; this means there will be agreed fuel rate throughout the hire period. The FH250 heaters were powered with an industrial 110v plug, ideal for their location. The heater and dryer combination ensured the site was dried quickly, work continued efficiently and the project was completed on time. As benefit of being part of the Andrews Sykes Group, Andrews Heat for Hire clients are covered against all situations by providing cooling, ventilation and dehumidification solutions.



Power supply 110 V 1 ph 50 Hz Run 12.6 A
Generator size 7.5 kVA 1 ph 110 V
Noise level (max) 70.5 dBA @ 1 metre
Duct size 2 x 300 mm
Weight Dry 700 kg Fuelled 1,120 kg
Fuel Consumption 6.6 kg/hr
Dimension 1,870 x 1,190 x 1,630 mm
Typical heated area 1,770 m
Control External controls available
Fuel type Gas Oil Kerosene (LPG version available)
Plug type BS4343 16 A 110 V
Flue 1 metre x 203 mm



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