

Kitchen furniture manufacturer requires temporary heating solution

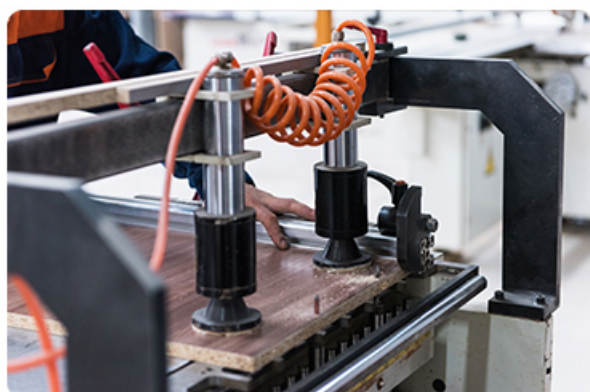
When a renowned kitchen furniture manufacturer required temporary heating to keep staff warm, Andrews Heat for Hire was contacted and asked to provide a solution.

The client had used our services previously and was confident in our ability to install a temporary heater hire arrangement befitting of their application. In years gone by, the customer has requested that we use gas heating units, but a different solution was sought on this occasion. Our client had recently completed renovation work within their premises which included improving the insulation of the walls and roof.

Given the scale of the premises and the need for a heat source to be operational almost constantly, it was decided that three high capacity FH2000 units would be most effective. Each unit was deployed externally with lengths of ducting used to distribute huge volumes of warm air inside via open window panels.

Maximising fuel efficiency was a primary consideration and prompted us to use recirculatory ducting to help maintain desired temperatures as cost-effectively as possible. This process allowed warm air to be generated at a faster rate because it was not reliant on having to constantly heat cold outdoor air. Our engineers attached the lengths of ducting to ceiling manifolds which prevented them from obstructing people working on site.

Each unit was connected to a separate 1,000-litre fuel tank, with the client also providing 3-phase power outlets which enabled the entire heating solution to function as expected. The project is an excellent example of us yielding repeat business from a longstanding customer and adapting a new solution following a change in circumstances. Our heating equipment is scheduled to remain on hire for a total of 20 weeks and will keep our client's employees warm until seasonal temperatures improve.



Nominal heating duty: 200 kW 682,400 btu
Fuel Tank Capacity: 18.2 l/h
Air flow (max): 12,000 m³/h
Fuel Consumption: 18.2 l/h
Power supply: 415 V 3 ph +E 50 Hz Run 7.5 A
Typical heated area: 4,108 m²
Noise level (max): 76.5 dBA @ 1 metre
Fuel type: Gas Oil
Weight (kg): 545 kg
Tank capacity: Separate fuel buggy/tank required
Plug type: BS4343 3 ph 4 pin 32 A
Dimensions (L x W x H): 2,400 x 800 x 1,370 mm
Duct length (max): 40 metres
Control: Manual (external controls available)
Generator size: 25 kVA
Flue size (min): 1 metre x 200 mm
Duct size: 300 mm x 4 or 600 mm x 1
Fuel tank: Remote fuel tank required



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