

Heater hire provides fresh air and heating to Kent school's temporary structures

Although the second wave of lockdown restrictions has seen businesses from many industries forced to close, schools, colleges and universities have had to develop and implement various social distancing solutions to ensure they are operating as safely as possible.

Because of this, Andrews Heat for Hire has observed a sharp spike in enquiries as education providers strive to keep newly introduced overflow facilities warm and as COVID-secure as possible.

Given the current climate, our client was delighted that we could offer a heater hire package that not only increases temperatures but also constantly reintroduces fresh, clean air from outside.

Our engineers were called to a private secondary school in Kent, with the client looking for some equipment to heat two separate temporary structures that had been erected to provide additional space and ease the number of people congregating in certain areas.

A large marquee had been assembled adjacent to the main school building with the intention of it being used as a secondary canteen. It was also decided that an extra breakout space was required to prevent the school's existing common room from becoming too crowded.

For the first application, we provided a single FH111 indirect fired heater and a 2,000-litre fuel tank. Large volumes of warm air were then directed inside the makeshift dining area via a length of ductwork. The dimensions of the second area meant there was a slightly smaller heating requirement, with two ID35 models deployed outside.

Effectively killing two birds with one stone, the heating equipment we provided fulfilled its primary function but also delivered several air changes per hour to drastically reduce the possibility of any airborne viruses being transmitted between pupils and teachers.



Nominal heating duty 24.8kW
Air flow (max) 1,450 m³
Typical heated area 600 m²
Power supply 230 V 1ph 50Hz Run 1.5 A
Plug type BS1363 230 V
Noise level (max) 75 dBA @ 1 metre
Weight 58 kg (98 kg fuelled)
Dimensions 1,250 x 490 x 690 mm
Minimum flue 1 metre (150mm od)
Duct length (max) 8 metres
Duct diameter size 300mm
Control Manual (external controls available)
Fuel type Gas Oil
Fuel consumption 2.4 l/h
Tank capacity 40 litres



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