

Case study 106

Event heating

The Andrews Heat for Hire team are expert at keeping guests warm and comfortable at events. Whether events be large or small, we are dedicated to providing you with an effective service that satisfies your heating requirements. An event organiser contacted Andrews Heat for Hire with regards to heating one of the UK's largest sporting arenas. The venue was being used to hold the Christmas party for a multi-national media and information organisation and the event organiser was particularly concerned about keeping guests warm in the evening once temperatures had lowered. A specialist engineer, who remained the client's point of contact throughout the hire process, recommended the use of three FH4000 heaters to deliver a total heating output of one megawatt.

The FH4000 is an indirect fired oil heater and is one of the most fuel efficient containerised oil-fired heaters in our fleet. With a fuel efficiency rating of 92%, this heater is extremely environmentally friendly. The FH4000's were placed outside the event space and were connected to fuel tanks. Four-way outlets were attached from the FH4000's in order to transfer the heat to the area exactly where the event was held via 40 meters of ducting. Alongside the equipment, we provided wooden apparatus to block off doorways after positioning the duct work, to prevent any warm air escaping. Throughout the entire event there were no problems and the customer was very satisfied with our efficient timings and by the smooth setting up of equipment, especially as all the guests were kept warm!



Power supply 415 V 3 ph +E 50 Hz Run 20 A
Generator size 20 kVA
Noise level (max) 76,5 dBA @ 1 metre
Duct size 600 mm x 2
Weight 1300 kg
Fuel Consumption 38 ltrs/hr
Dimension 3,850 x 1,200 x 2,015 mm
Typical heated area 8,457 m
Control Manual, External controls available
(24 V external control circuit)
Fuel type Gas Oil
Plug type BS4343 4 pin 3 ph 16 A
Flue 1 mtr x 250 mm



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