

Case study 159

Local council seek heater arrangement for indoor market

Local council recently took precautions to ensure North Lincolnshire's biggest indoor market remained warm during term time. With temperatures plummeting to below freezing, Andrews Heat for Hire were contacted to provide an effective rented heating solution.

The Scunthorpe Indoor Market consists of two indoor halls - bringing over 80 traders under one roof and attracting roughly 80,000 customers a week. The market has never in its history required heating during the winter period, however after receiving several weather related complaints from stallholders, there was an immediate requirement for temporary heating.

The client required a unit that would generate enough heat to take the chill off on cold days, rather than 'heating' the large area. One of our regional specialists visited the site to assess the options available, eventually advocating the use of an FH4000 indirect heater - providing our client with a good compromise between output and fuel usage.

A single unit was therefore deployed and fitted with over forty meters of flexible ducting, used to distribute air flows of 24,000 m³ /h to create background heat.

The solution provided was more than adequate in providing both workers and visitors with sufficient climate control, likely to be in place throughout winter.



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 m²
Control Manual, External controls available
(24 V external control circuit)
Fuel type Gas Oil
Plug type BS4343 4 pin 3 ph 32 A
Flue 1 mtr x 250 mm



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