

Case study 715

Waste management company extract odorous fumes

A professional waste collection company in Horsham, that has provided waste disposal services to businesses across the UK for more than a century, was recently urged to take action against nauseating smells after being dogged by continuous complaints from workers.

With over 2.1 million tonnes of waste being collected per annum, the waste plant called for immediate action to stop the plaguing smell caused by public waste, affecting working areas.

After conducting a site survey, our specialists came to discover that the existing building had been constructed without any reservation for air changes. Andrews Ventilation was tasked with removing the high vapour from the working stations, whilst also providing the staff with a regular flow of fresh air.

For this to be achieved a total of six high-powered ventilation hire fans, with a combined air flow of 84,000m³/h, were used simultaneously to extract the contaminated air. These specific units also run on low power consumption, making them ideal for the task at hand, as they would be in constant use.

This temporary solution proved successful and gave workers a break from the harsh smells – playing a crucial role in providing them with a comfortable working environment.

By providing a practical ventilation rental solution along with our equipment all within 24 hours, our client was very pleased and relieved with the suitability of our ventilation fans which they will be using for projects in the future.



Air flow (max) - 5,100 m³/h
Power supply - 110 V 1 ph 50 Hz Run 11.4 A
Plug type - BS4343 16 A 110 V
Generator size - 5 kVA min
Transformer size - 5 kW min
Duct length (max) - 40 metres
Duct size - 300 mm
Noise level (max, with duct) - 72 dBA @ 1 metre
Weight - 95 kg
Dimensions (L x W x H) - 631 x 822 x 1,054 mm
Control - Manual
Average power consumption - 1.25 kW/h



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