

Case study 722

Ventilation hire used to extract hazardous fumes

When a well-established clothing company contacted us after experiencing hazardous fumes in their Cheshire factory, our experts were on hand to provide them with an effective ventilation solution.

The company in question are leading manufacturers of fabric for a variety of PPE equipment. This fabric is then sent to various other factories to be resized and made into clothing. The machinery that creates the fabric gives off fumes due to the solutions and acids used for colour dyes, leaving contaminated air within the application itself.

Our technician was tasked with providing an emergency ventilation rental solution to ensure that machinery used was not damaged and that components and products were not spoiled by fumes. Our specialists surveyed the site and recommended one of our FV900 S2 extraction fans.

The unit was positioned at the end of the affected aisle, with the fumes being extracted via an open entrance situated five meters away from the building. This powerful solution negated the need for several smaller hire fans and was ideal for the customer due to limited space in the factory.

Once commissioned, the units helped create a constant circulation of fresh air to replace and ventilate stale and noxious air, thereby avoiding serious health implications for those working on site.



Air flow (max) 19,000 m³/h
Power supply 415 V 3 ph 50 Hz
Plug type BS4343 3 ph 5 pin 16 A
Generator size 35 kVA
Duct length (max) 40 metres
Duct size Inlet 600mm Outlet 450mm
Noise level (max) 74 dBA @ 1m
Weight 465kg
Dimensions (mm) 1,552 x 1,152 x 1,965
Control Manual
Average power consumption 7.1 kW/h



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