

# Case study 727

## Andrews Ventilation assist with flume maintenance works

When a leisure centre based in East Sussex contacted us in search of an effective temporary ventilation solution to extract fumes on site, our specialists were drafted in to provide their expert advice.

The company in question was in the process of completing maintenance works on their flumes and were under strict deadlines due to summer being just around the corner. They were required to undertake a whole flume reconditioning, meaning all slides around the pool were recoated with high specification resin and special paint finishes to restore colour.

As the works would produce excessive fumes within the swimming pool area, Andrews Ventilation Hire was tasked with providing a regular flow of fresh air throughout the area while also removing air that had been contaminated due to the tools used on site.

Our experts surveyed the site and proposed a ventilation hire package consisting of two FV900 ventilation extraction fans. These were positioned outside the building, with ducting used to pull polluted air out of the affected area via one fan while the other unit restored large volumes fresh air – thus keeping workers safe throughout the project's duration.

The short-term ventilation equipment we provided met the client's requirements, allowing them to make more than 20 air changes every single hour.



Air flow (max) 19,000 m<sup>3</sup>/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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