

Case study 718

School exam hall seeks comfort cooling arrangement

Examination periods are arguably the most stressful time for students and school pupils, so the last thing they need is an additional problem when sat at their desks. End-of-year assessments – including GCSEs and A-levels – typically commence in May and this often coincides with a seasonal upturn in the weather.

So when a high-achieving secondary school in the Midlands encountered difficulty keeping their main examination hall cool in the build-up to a busy six-week period of tests, they contacted Andrews Ventilation Hire in search of a solution.

The room was occupied by around 200 people when at full capacity, and there was an urgent requirement for us to implement a practical cooling system immediately because of the scale of potential for students to complain about being too hot.

A regional expert from our Birmingham depot visited the customer's site just outside the city centre, recommending a man-cooler rental package off the back of his findings. This comprised of eight ASF50 cooling fans which had a combined airflow of more than 60,000m³ for every hour of operation. It was felt that by deploying our fans around the edges of the application's interior, the constant circulation of air would create a more comfortable environment.

Due to the possible implications stuffy, warm conditions could have on the pupils' concentration levels, it was imperative that the units were delivered as soon as possible. We therefore made sure these were on site and in position later the same day, and remained on hire until the examination schedule was complete.



Air flow (max) 7,600m³/h
Power supply 230 or 110 V versions
Plug type BS1363 230 V
BS4343 16A 110 V
Noise level (max) 80 dBA @ 1m
Weight 21kg
Dimensions (mm) 840 x 345 x 820
Control Manual variable speed
Average power consumption 851 W/h

