

CAMFIL CASE STUDY



“Camfil understands the need for better working conditions for both pupils and teachers, in schools.

“This is critical, especially during the exam period. We will be working closely with staff from the Secondary School to gain feedback over the coming months”

Bill Wilkinson
Camfil UK Managing Director

Client:
Schools in Lancashire

Location:
North West of England

Date:
May 2013

Sector:
Education

A BREATH OF FRESH AIR FOR SECONDARY SCHOOL STUDENTS DURING THE EXAM SEASON

CAMFIL WORKED WITH A SECONDARY SCHOOL IN THE NORTH WEST OF ENGLAND TO HELP IMPROVE THE INDOOR AIR QUALITY FOR STUDENTS DURING THE CRITICAL EXAM PERIOD. THEY PROVIDED THE SCHOOL WITH THE CAMFIL AIR PURIFIERS FOR USE IN THEIR GYMNASIUM WHERE STUDENTS SIT THEIR EXAMS.



PROJECT CHALLENGES

Schools and other educational facilities present unique problems to designers and HVAC practitioners.

Most schools are diverse structures with different requirements for classrooms, gymnasiums, locker rooms, cafeterias and auditoriums.

University campuses house many different types of buildings with varying air quality requirements on a larger scale.

The quality of the air is measured by temperature and humidity, and

by the concentration of particulates and gaseous contaminants.

Adverse health effects from poor indoor air quality, documented in educational facilities, range from annoyance and respiratory irritation to acute or chronic illness. When classrooms are properly controlled for comfort, and are free of excessive contaminants, the learning environment is enhanced and becomes more productive.

RESULTS

Improved indoor air quality in educational facilities:

- Reduced absenteeism for students and staff
- Reduced building deterioration and improves energy efficiency
- Reduced outside air ventilation requirements
- Reduced liabilities
- And most importantly, protected students, one of our important investments in the future

CamCleaner is a range of patented air purifiers with the most efficient HEPA filters on the market.

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They are designed to work as a supplement to your existing ventilation system and give you reduced energy costs, more efficient production and a healthier work environment with less dust and fewer harmful particles. Camfil air purifiers can make the air feel easier to breathe.

Poor air quality affects both the health of the personnel and their performance. Bacteria, dust, viruses and harmful particles in the air may cause itchy eyes, headaches and a blocked nose.

Furthermore, it can also give rise to asthma and irritation of the respiratory tract. Camfil air purifiers clean the air and effectively combats these problems. This leads to improved work performance, reduced absence due to illness, and air that feel easy to breathe.

PRODUCTS USED:

CamCleaner 300
(environments up to 100m²)

CamCleaner 800
(hospitals, offices, homes, schools)

CamCleaner 2000
(industrial premises)

CamCleaner 6000
(large industrial environments)

✓ **CamCleaner City M**

To improve the indoor air quality within your school, or to find out more about the CamCleaner range of products, email sales@mfeuk.co.uk Phone 01978 855995