The benefits of cleaner air for classrooms

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Supplier Insight

Improving Air Quality in Schools: The Role of Modern Filtration Systems

New investment in London schools is placing air quality firmly on the agenda, with modern filtration systems offering a practical way to improve classroom environments, support wellbeing and reduce disruption.

Cleaner Air for Learning Environments

Modern air filtration units can help schools reduce airborne contaminants while maintaining comfort, warmth and operational continuity.

HEPA Filtration
Energy Efficient
Total Care

Engineer Support

As evidence continues to grow around the link between clean air, wellbeing and learning outcomes, air filtration systems are becoming an increasingly important consideration for schools.

Following recent investment to help hundreds of London schools reduce pollutants and improve classroom air quality, a new generation of filtration technology has come into focus. JLA's education sector specialist, Kristian Gabor, has explained that modern air filtration units are likely to become more common across education settings as clean air becomes a bigger priority.

Why Clean Air Matters in Schools

Proper ventilation and cleaner air can support pupil and teacher wellbeing. In busy classrooms, indoor air quality affects comfort, concentration and the overall learning environment.

The Benefits of Better Classroom Air

Improved Concentration

Cleaner air can help reduce fatigue and support better focus during lessons, particularly in busy or enclosed classrooms.

Reduced Illness

Reducing airborne germs and contaminants can help schools manage absence and protect staff and pupils during higher-risk periods.

Better Classroom Comfort

Improved air quality can support more comfortable learning spaces, helping pupils and teachers feel more alert throughout the day.

Operational Stability

Fewer disruptions during key periods such as flu season can support continuity of

teaching and school operations.


Classroom Environment

Why filtration is different from simply opening windows

Opening windows can help ventilation, but it can also reduce warmth and comfort.

Air filtration units can continuously reduce airborne contaminants while allowing schools to maintain a more stable indoor environment.

How Air Filtration Units Work

Filtration units draw in ambient air and pass it through advanced filters that remove harmful particles such as dust, allergens, bacteria and viruses. Clean air is then circulated back into the room, creating a continuous cycle that improves overall air quality.

HEPA Filtration

Medical-grade HEPA filtration is designed to capture fine airborne particles, helping support cleaner indoor environments.

Rapid Air Cleaning

Continuous filtration helps reduce particle levels and supports cleaner indoor spaces during the school day.

Odour Control

Activated carbon filtration can help manage odours and improve comfort in shared learning spaces.

Energy Efficiency

Modern systems can help improve air quality while supporting practical energy management in busy schools.

A Practical and Cost-Effective Solution

Schools are increasingly considering modern filtration systems not only for health and wellbeing reasons, but also because they offer a practical way to improve air quality without major building works.

Installation
Support to help schools deploy equipment in suitable learning spaces.

Servicing
Ongoing care helps keep systems working reliably over time.

Support
Access to technical and service support when schools need help.

Predictable Cost
Total Care-style packages can help schools plan costs more clearly.

An Accessible Way to Improve Air Quality

JLA’s Total Care approach is designed to make essential equipment easier to access, manage and maintain, helping organisations avoid unexpected repair and servicing pressures.

For schools managing tight budgets, that kind of service model can make air quality improvement easier to plan and maintain.

Conclusion

Modern air filtration systems offer schools a practical, visible and increasingly relevant way to improve classroom environments.

With flexible support packages, engineer response and ongoing care, JLA’s approach is designed to help organisations access equipment while keeping maintenance, support and running concerns under control.

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Cleaner air supports healthier, more comfortable classrooms where pupils and teachers can focus on learning.

Air Quality Insight

Key benefits for schools

Healthier classrooms

Cleaner air can support pupil and teacher wellbeing throughout the school day.

Reduced disruption

Better infection control can help reduce absence-related pressure.

Comfort without heat loss

Filtration can support cleaner air without relying only on open windows.

Managed support

Total Care-style support gives schools a clearer route for installation, servicing and maintenance.

Questions schools may want to ask

- Which classrooms or shared spaces need the most support?
- What level of filtration is included?
- How noisy are the units during lessons?
- What servicing and filter replacement is included?

- Can costs be spread through a monthly package?
- What support is available if a unit needs repair?

Improving Air Quality in Your School

Modern air filtration systems offer a practical, effective way to enhance classroom environments, support wellbeing and reduce disruption. With Total Care-style support and proven commercial equipment expertise, JLA provides a route for schools to make cleaner air easier to manage.

Find out more