



Air Filtration for Commercial and Industrial Buildings



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Public buildings are a major focus in the effort to reduce the "carbon footprint" of our society. The United States Green Building Council (USGBC), through the Leadership in Energy and Environmental Design (LEED) certification program, is one of the key promoters of energy conservation and environmental responsibility in the design, construction and operation of buildings (request Airguard brochure A-Green). This program, along with others, has a stringent list of criteria that must be met in order to register and certify compliance.



A key component of a clean air program for any building is the design and operation of the air handling units used to control building temperature, deliver proper ventilation and remove airborne contaminants in an energy efficient manner.



Proper selection of air filters is essential to maximizing performance of air handling systems in buildings. The air filters selected should precisely match the design parameters for air flow and particulate removal efficiency as specified in the building plan. Additionally, building managers and operators need to specify what additional concerns they have about indoor air quality (IAQ) and outdoor ambient air conditions surrounding the building prior to finalizing selection of air filtration products. Appropriate testing to document the nature of indoor and outdoor air is advised.



Air Filtration for Buildings

Your Airguard representative is trained and ready to help you evaluate your building's current status and propose improvements to your air filtration system. Your representative can work with you to identify filters that will reduce energy consumption, lower operating expenses, and improve particulate removal efficiency. They can also assist in helping control airborne molecular contaminants that cause odors and respiratory irritations. Best of all, this help is just a phone call or email away! Contact us today and arrange a consultation with an Airguard air filtration professional.



In existing buildings, there is an additional factor to evaluate. Any change or upgrade of air filtration products should be preceded by a complete analysis of the entire air handling system to ensure all elements and equipment are functioning properly within design parameters. This can be a difficult but essential task to complete, particularly based on the age of the building and availability of the original design drawings.



In many instances, modifications to air handling systems are made during the life of a building.

Understanding those changes and the original system design are important in ensuring selection of the most effective air filters and eliminating actual and potential sources for ingress of dirty air and egress of clean air. Once this evaluation is complete and the results are analyzed, educated decisions can be made regarding upgrades to air filtration based on the level of clean air now required for the building.

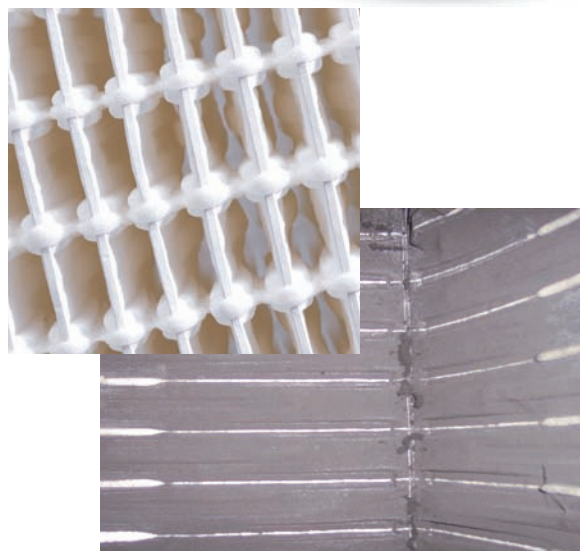


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Airguard is the leading brand of high quality, high-efficiency filtration products designed to reduce energy consumption while maintaining high levels of efficiency in commercial and industrial buildings.

The Legacy line of air filters are ideal for commercial and industrial buildings:

- E-pleat™ Technology maximizes available media area for better performance
- Embossed media reduces restriction of moving air providing low resistance and reducing energy consumption
- High-efficiency synthetic media pack is rigid and durable
- Available efficiencies: MERV 11 & 14 in 4-inch models and MERV 11 & 15 in 12-inch models
- Single-header and box-style models are available with high-impact polystyrene cell sides. Box-style are also available with metal cell sides



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Contact us today and arrange a consultation with a Airguard air filtration professional. Call 1-866-247-4827 or visit us on the web at www.airguard.com.



www.airguard.com



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