



IAQ Solutions for Commercial Buildings

Indoor Air Quality (IAQ) is critical to maintaining a productive commercial building.

Americans spend 90% of their time indoors. When workplaces have poor IAQ, Sick Building Syndrome can occur. Contaminates too small to see can cause illness and result in employee absence and a loss of productivity.

Common Area Maintenance (CAM) costs can be high in commercial buildings, and budgeting is too often designated for maintenance, such as groundskeeping and parking lot upkeep. With more emphasis placed on Green Building initiatives and LEED regulations, tenants are more aware of potential pollutants and concerned for the health of their employees and customers.

To prevent Sick Building Syndrome, it is imperative that you use quality HVAC filtration products.

IS POOR IAQ COSTING YOUR BUSINESS?

Sick Building Syndrome Costs U.S. Businesses \$200 Billion Annually

- ☐ Understand that poor IAQ includes absenteeism, lost productivity & lost revenue.
- ☐ Develop a building maintenance program that focuses on protecting IAQ & public health.
- ☐ Comply with LEED filtration standards.
- ☐ Be aware of nuisance odors.
- ☐ Protect the outside air from commercial emissions.

Poor IAQ is so prevalent that the American College of Allergy, Asthma & Immunology reports that 50% of all illnesses are either caused, or aggravated by, poor IAQ.

High IAQ Lowers Your TCO



For every \$1 you spend on filters, you spend approximately:



4 to 6x on
Energy Consumption



1/3 on
Labor & Disposal

\$1,685/Annually per Employee



Employee absenteeism is connected to poor IAQ and costs employers millions each year.



Can you afford to have poor IAQ?

We don't work in a one-size-fits-all world and buildings come with a variety of IAQ challenges.

Older buildings often have poor ventilation systems and newer buildings seldom have the ability to open windows for fresh air. Office equipment such as copiers and computers generate volatile organic compounds which are harmful to breathe. They are also generated by fumes from activities like construction and painting that frequently occur to accommodate commercial tenants. Those VOCs are then found in carpet fibers and furniture years after installation, increasing the likelihood of exposing employees to respiratory harm and lost productivity.

ACTIVITY	CONTAMINANT BY-PRODUCTS
Construction	Drywall Dust
Painting	VOCs
Food Preparation	Nuisance Odors, Gas Exhaust, Clothing Odor Absorption
Business Center Processing	Ozone
Data/Server Storage	Irregular Temperature, Shut Downs
Crowded Common Recreation Areas	Bacteria, Viruses, Germs

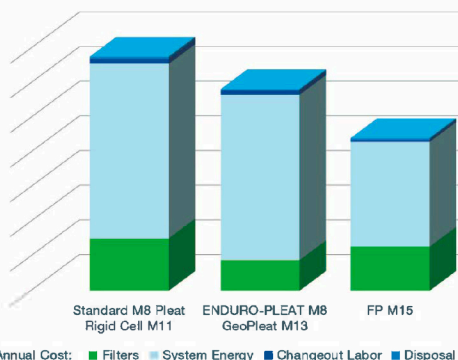
Know Your TCO To Save Money & Improve Productivity

The Total Cost of Ownership (TCO) considers the purchase price of your filtration solution plus the associated costs of maintenance and operation. Accounting for TCO helps you recognize the value of a product over time. Filtration experts can provide a TCO analysis to include direct and indirect expenses in an HVAC operation.

Facility managers should be able to tie a dollar figure to savings on renewable energy. Those savings are heavily influenced by how efficient the filters are that an HVAC system is using over their product lifespan.

Total Cost of Ownership

Filter Cost + Energy Consumption + Labor & Disposal Cost



What the Experts Say

When evaluating TCO, you must consider your entire HVAC system—not just individual filters or one line item cost. Site surveys conducted by HVAC engineers will make a significant difference in an optimized system maintenance program.

Industry leading IAQ and TCO Solutions



FPV-BANK MINIPLEAT



GEOPLEAT™



ENDURO-PLEAT™



FP DUAL-PAK

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