



# Lower Your HVAC Costs Protect Your Staff & Customers

Safer | Healthier | More Productive

## The Indoor Air Quality (IAQ) Challenge at Airports

Airports have entered a new era – they are busier than ever. In the past year, airports across the globe saw a 7% increase in passengers. Security measures require earlier arrival times and passengers spend increasingly longer amounts of time in checkpoints and in the growing number of airport amenities.

The environment surrounding airports is heavily polluted with particulate and gaseous contaminants; most airport service vehicles are powered by diesel engines which emit harmful particles. These increases in CO<sub>2</sub> emissions will stress HVAC systems. With more passengers and regulations than ever, it is essential for airport personnel to optimize the air quality and maintain a healthy environment.

## You Cannot Afford to Overlook the Total Cost of Ownership of Your HVAC



For every \$1.00 spent on filters you will spend approximately...



\$4.00-\$6.00  
on Electricity



\$.30  
on Labor



\$.08  
on Disposal

### THE ESSENTIAL QUESTIONS.

### DO YOU HAVE THE ANSWERS?

- ☐ Are your filters capturing particles and exhaust gases?
- ☐ Is your filtration system equipped to handle the increasing demand of airport services?
- ☐ Do you know what is included in your Total Cost of Ownership?
- ☐ Is your HVAC filter configuration optimized for Total Cost of Ownership?
- ☐ When was the last time you had a complete Air Filter Audit?

## Decide to Go Green.



CO<sub>2</sub> emissions are directly proportional to energy consumed. A smaller carbon footprint enhances the community, and everyone benefits.



## Discover the FG IAQ Difference

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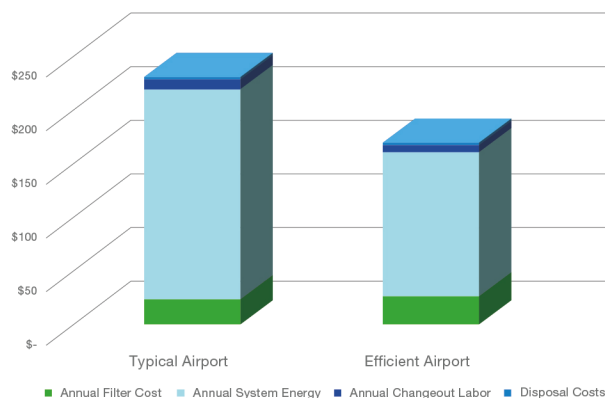
### IAQ is Essential to Maintaining Healthy Air in Highly Populated Areas

Carbon filters remove harmful chemicals, bio-particulates and emissions. We offer a wide range of carbon products, from the Aerostar® Series 550 Carbon Pleat for standard applications, to the Aerostar® HEGA product line for the most demanding applications.

Upgrading your filters will typically increase your upfront costs, but the energy, labor, and disposal savings more than offset those costs and will yield a net savings. This broader understanding represents your actual costs, known as the **Total Cost of Ownership**. Lower initial pressure drops and high relative dust holding capacity means energy consumption stays lower for longer which can reduce energy costs by 25-35% when compared to traditional air filters. Changing filters less often saves on labor and disposal costs and can help you save an additional 30-50%.

#### Annual Total Cost of Ownership

$TCO = \text{Labor} + \text{Filter Cost} + \text{Energy} + \text{Disposal Cost}$



The graph represents a comparison of the average operational costs for every filter purchased.



Aerostar Series 550 Carbon Pleats, Enduro-Pleat, HEGA Gas Phase Filters, and FP V-Bank Minipleat

### What the Experts Say



*When evaluating Total Cost of Ownership, you must consider the entire HVAC system and not each filter individually.*

Dafco Filtration Group solution experts have the knowledge and experience to solve the most challenging situations.

**CONTACT US FOR A FREE ON-SITE FILTER AUDIT BY ONE OF OUR DISTRIBUTION PARTNERS**



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