

DAFCO Filtration Group



Providing value to you in product design, technology, quality systems
innovative business solutions and excellent service.

Montreal – Mississauga – Winnipeg – Regina – Calgary – Edmonton - Vancouver



Excellence in manufacturing and customer service coast to coast



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A Business is Known by the Company it Keeps



National
Air
Filtration
Association



Dafco Filtration Group contributes to industry associations across Canada including CGBC, ASHRAE, BOMA and BOA

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The increasing importance of indoor air quality is consistent throughout building sectors



Perhaps more than any other building type, healthcare facilities are unique.

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The Challenge of Managing IAQ in Healthcare Facilities



Increasingly, those responsible for indoor air quality have focused attention on nosocomial infection, an infection acquired in a hospital that was not present or incubating at the time of admission of a patient. ¹

“When the building’s air filters do not remove the particles from the air, the occupant’s lungs become the filter”
H.E. Burroughs, Building Wellness
Consultancy

¹ Source: www.sustainablefacility.com/CDA/Articles/Greenguard

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The Behaviour of Airborne Particulate

Particles with diameters less than 0.1 microns behave like gases and stay suspended indefinitely in the atmosphere

Particles in the 0.1 to 1.0 micron range have negligible settling characteristics.

Particles in the 1.0 to 10 micron range tend to settle but can be kept suspended by air currents.

Particles 10 microns and larger normally settle out of the atmosphere.

Source - Air Filters: Real World Performance B. Dean Arnold
www.donahue-inc.com/filtration/News_articles/0899.pdf

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Commercial buildings are subject to their local environments
but there are dependable constants

Particle Size In Microns	Mean Particle Diameter	Percent by # of Particles	Percent by Weight
10 – 30	20	.005	28
5 – 10	7.5	.175	52
3 – 5	4	.25	11
1 – 3	2	1.07	6
0 - 1	.5	98.5	3

Source - Air Filters: Real World Performance B. Dean Arnold

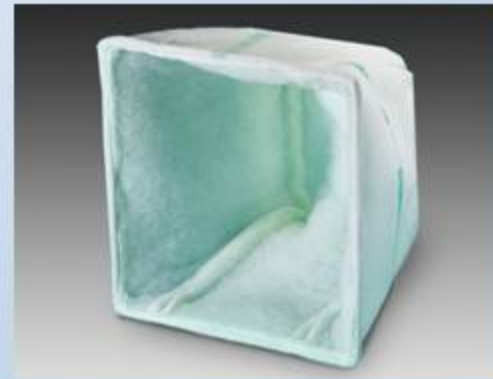
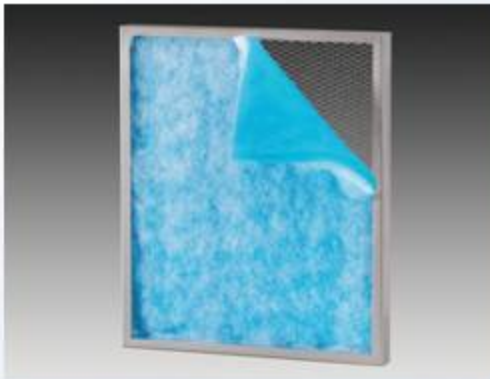
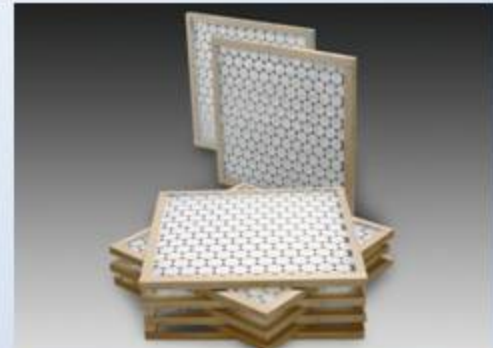
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