



FRESH AIR™

Activated Carbon Pleated Filter

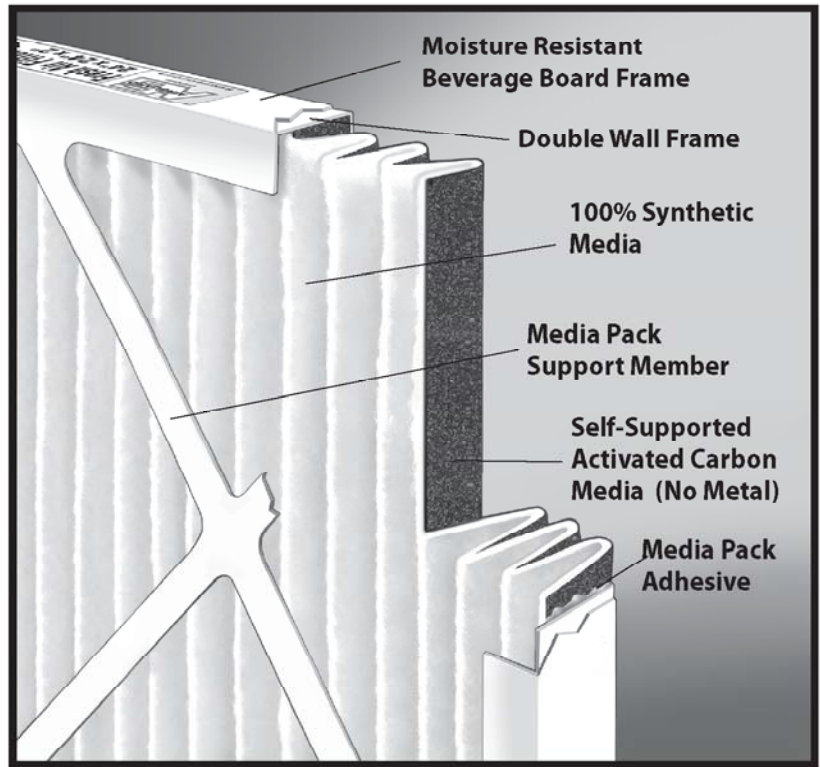
Combination Media Removes Particulate Plus Gases and Odors

Fresh Air filters now offer higher air filtration efficiency, MERV 7 – with twice the amount of carbon to deliver clean, Fresh Air – *The name says it all.*

This popular style of product serves both as a particulate filter and odor removal filter for light duty service conditions in commercial and light industrial applications. Fresh Air filters offer relief from unpleasant odors, including cigarette smoke, food preparation, vehicle exhaust, plus a variety of other objectionable sources.

The dual layer media is pleated to substantially increase the amount of media surface area contained in the filter. The combination media pack is contained in a die cut, moisture resistant beverage board frame. The pack is sealed inside the frame to prevent bypass. Each filter is individually sealed in a poly bag to prevent odor adsorption from occurring prior to installation.

The new high carbon loading media is self-supporting – contains no metal for improved incinerability and disposal.



Increased carbon loading – now contains 200 grams per square meter of 60% activity carbon. Electrostatically charged media provides a MERV-7 performance.

Sizes

Nominal Size	Rated Air Flow Capacity (CFM) @300 FPM	Nominal Size	Rated Air Flow Capacity (CFM) @500 FPM	Nominal Size	Rated Air Flow Capacity (CFM) @500 FPM
12 x 24 x 1	600	12 x 24 x 2	1000	12 x 24 x 4	1000
16 x 20 x 1	670	16 x 20 x 2	1120	16 x 20 x 4	1120
16 x 25 x 1	840	16 x 25 x 2	1400	16 x 25 x 4	1400
20 x 20 x 1	840	20 x 20 x 2	1400	20 x 20 x 4	1400
20 x 25 x 1	1050	20 x 24 x 2	1670	20 x 24 x 4	1670
24 x 24 x 1	1200	20 x 25 x 2	1750	20 x 25 x 4	1750
		24 x 24 x 2	2000	24 x 24 x 4	2000

Performance Data			
Initial Resistance (In W.G.)			
1"	@300 FPM	.40"	
2"	@500 FPM	.55"	
4"	@500 FPM	.51"	
MERV Performance: 7			

Recommended final resistance is 1.2" W.G.

Pleat Count	1"	2"	3"
Pleats per Foot	12	11	11

1. All performance data is based on ASHRAE Test Standard 52.2-2007 test standards, at a test velocity of 295 FPM for 24x24x1 and 492 FPM for 24x24x2 and 24x24x4 nominal size filters.
 2. Filters may be installed with the pleats either vertical (preferred) or horizontal.

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Consider the many possibilities where Fresh Air filters can reduce odors:

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|--|-----------------------------|
| Airports | Gymnasiums |
| Anthrax Decontamination | Hospitals |
| Bars & Restaurants | Industrial Facilities |
| Beauty Salons | Labs |
| Buildings with loading docks located near air intakes (diesel fumes) | Museums & Libraries |
| Exercise Facilities | Packing Houses |
| Fitness Centers | Pet Shops |
| Food Processing Plants | Roofing work (tar, asphalt) |

Fresh Air Filters Are Effective at Removing a Wide Variety of Odors and Compounds

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|-------------------------|------------------------------|----------------------------|---------------------|
| Acetone | Diesel Fumes | Nicotine | Spilled Beverages |
| Adhesive | Disinfectants | Noxious Gases | Spoiled Food Stuffs |
| Alcohol | | | Stale Odors |
| Alcoholic Beverages | Exhaust Fumes | Onions | Stuffiness |
| Animal Odors | | Organic Chemicals | |
| Antiseptics | Fertilizer | Ozone | Tar |
| Asphalt Fumes | Film Processing Odors | Paint & Redecorating Odors | Tobacco Smoke |
| Automobile Exhaust | Fish Odors | Paper Deteriorations | Toilet Odors |
| | Floral Scents | Paste | Turpentine |
| Bacteria | Food Aromas | Perfumes | |
| Bleaching Solutions | Fruits | Perspiration | Varnish |
| Body Odors | | Pet Odors | Vinegar |
| Burned Flesh | Garlic | Plastics | |
| Burned Food | Gasoline | Pollen | Waste Products |
| Burning Fat | Glue | Popcorn & Candy | |
| | | Poultry Odors | |
| Carpet Odors | Household Smells | Propane | |
| Charred Materials | | | |
| Cheese | Kerosene | Rancid Oil | |
| Citrus and other Fruits | Kitchen Odors | Resins | |
| Cleaning Compounds | | Rubber | |
| Cooking Odors | Lubricating Oils and Greases | Sauerkraut | |
| | | Sewer Odors | |
| Dead Animals | Medical Agents | Slaughtering Odors | |
| Decaying Substances | Melons | Smog | |
| Decomposition Odors | Mildew | Soaps | |
| Deodorants | Mold | Smoke | |
| Detergents | Moth Balls | Solvents | |
| | | Sour Milk | |



A-FRESH -510



www.airguard.com



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