



# FRESH AIR™

Activated Carbon Pleated Panel Filter

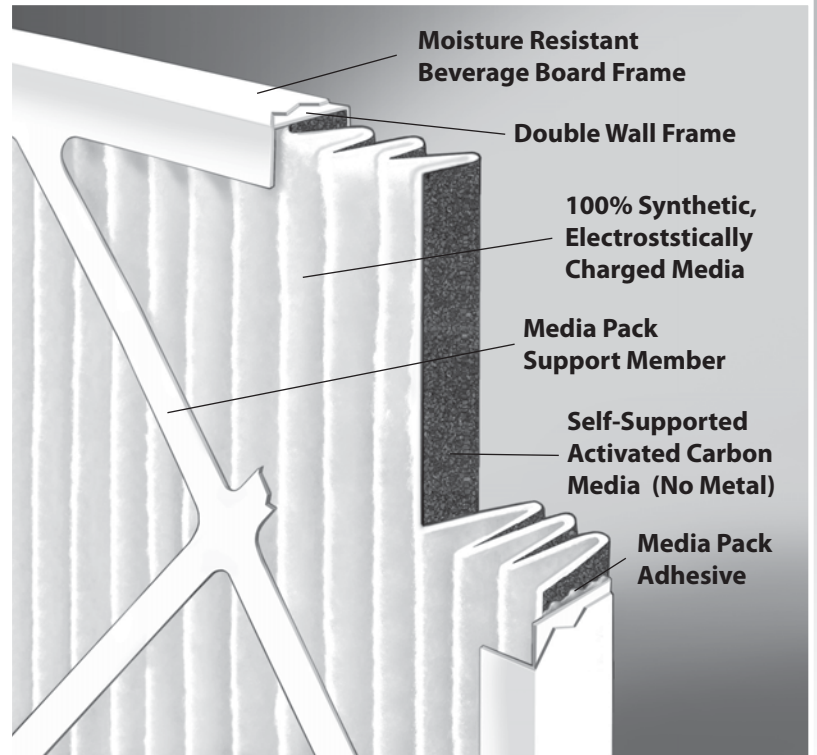
## Combination Media Removes Particulate Plus Gases and Odors

Fresh Air filters now offer higher air filtration efficiency, MERV 8 – 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-8 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: 8			

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:

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

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



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