



FRESH AIR™

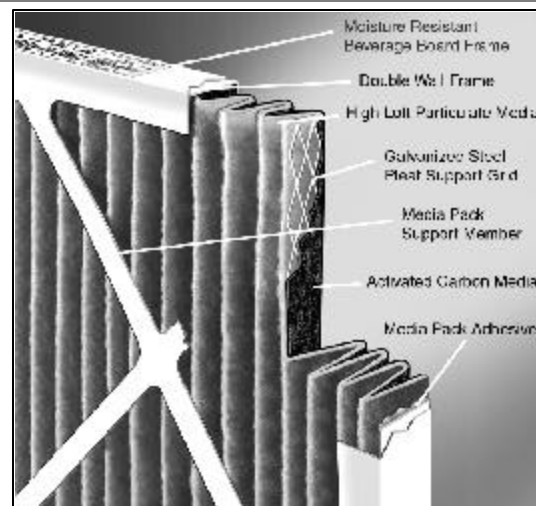
Activated Carbon Pleated Panel Filters

Combination Media Removes Particulate *Plus* Gases and Odors

The Fresh Air filter combines the air filtration efficiency of today's popular pleated filters (25 – 30%) with activated carbon to deliver clean, odor free, 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 packed in a poly bag to prevent odor adsorption from occurring prior to installation.



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 |
|--------------|---------------------------------------|--------------|---------------------------------------|--------------|---------------------------------------|
| 10 x 20 x 1 | 425 | 12 x 24 x 2 | 1000 | 12 x 24 x 4 | 1000 |
| 12 x 24 x 1 | 600 | 14 x 20 x 2 | 980 | 16 x 20 x 4 | 1120 |
| 14 x 20 x 1 | 590 | 14 x 25 x 2 | 1220 | 16 x 25 x 4 | 1400 |
| 14 x 25 x 1 | 730 | 15 x 20 x 2 | 1050 | 18 x 24 x 4 | 1500 |
| 15 x 20 x 1 | 630 | 16 x 20 x 2 | 1120 | 20 x 20 x 4 | 1400 |
| 16 x 20 x 1 | 670 | 16 x 25 x 2 | 1400 | 20 x 24 x 4 | 1670 |
| 16 x 25 x 1 | 840 | 18 x 20 x 2 | 1250 | 20 x 25 x 4 | 1750 |
| 20 x 20 x 1 | 840 | 18 x 24 x 2 | 1500 | 24 x 24 x 4 | 2000 |
| 20 x 25 x 1 | 1050 | 18 x 25 x 2 | 1570 | | |
| 24 x 24 x 1 | 1200 | 20 x 20 x 2 | 1400 | | |
| | | 20 x 24 x 2 | 1670 | | |
| | | 20 x 25 x 2 | 1750 | | |
| | | 24 x 24 x 2 | 2000 | | |

Performance Data

Initial Resistance (In. W.G.):
 1" @300 FPM .33"
 2" @500 FPM .44"
 4" @500 FPM .39"

Efficiency: 25 - 30%
 Arrestance: 90 - 92%

Recommended final resistance is 1.0" W.G.

| Pleat Count | 1" | 2" | 4" |
|-------------|-------------------|----|----|
| | (Pleats per Foot) | | |
| | 12 | 11 | 9 |

1 - Rated efficiency: 25 - 30%; Arrestance: 90 - 93%. All performance data is based on the ASHRAE 52.1-1992 Test Standard.

Tolerances conform to Section 7.4 of ARI Standard 850-93.

2 - Filters may be installed with the pleats either vertical (preferred) or horizontal.

Underwriters Laboratories, Inc. Classification: Fresh Air filters are classified U.L. Class 2 per U.L. Standard 900.



AIRGUARD

P.O. BOX 52578, LOUISVILLE, KENTUCKY 40232-2578
 (502) 959-2304 FAX (502) 961-0930

Visit our Web Site - www.airguard.com
 E-Mail Address - mailbag@air-guard.com

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