



HEGA™ Filters

Select the correct filter for your application



High Efficiency Gas Adsorbers

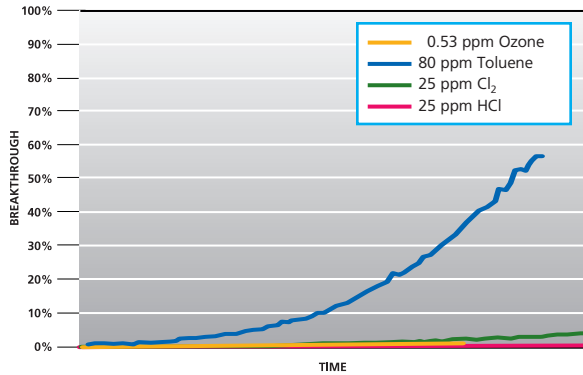
remove gaseous air contaminants
and undesirable odors, giving your
occupants and processes the indoor
air quality that they require



DAFCO FILTRATION GROUP®

The Media Grade Selection Guide

Grade 653 for VOCs



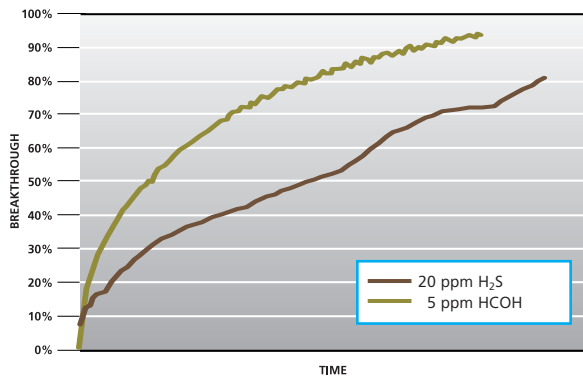
Specifications

- 500 grams/sq meter media loading
- High Activity Carbon (85% CTC)
- Works on physisorption and catalysis

Removes

- Volatile Organic Compounds (VOCs)
- Food and cooking odors
- Ozone
- Chlorine

Grade 651 for Diesel Exhaust



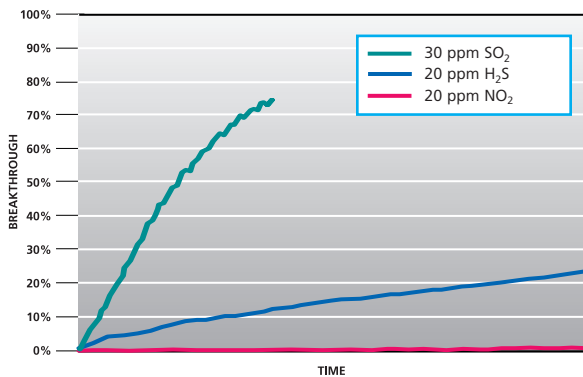
Specifications

- 500 grams/sq meter media loading
- Blend of activated carbon and impregnated carbon
- Works with chemisorption and physisorption

Removes

- Vehicle exhaust
- Formaldehyde (HCOH) and Aldehydes
- Sulfur compounds (H₂S)

Grade 875 for Acid Gas



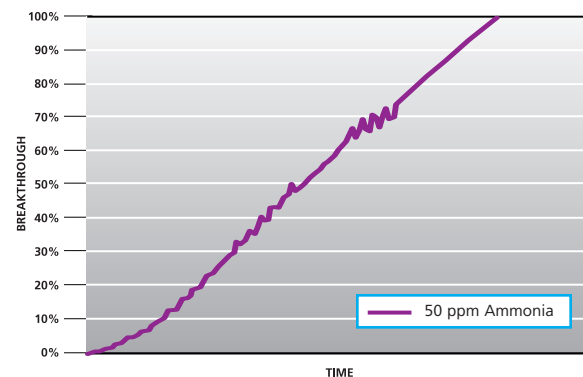
Specifications

- 500 grams/sq meter media loading
- High Activity Carbon with impregnation
- Works on chemisorption

Removes

- Sulfur compounds (H₂S and SO₂)
- Nitrogen Oxides (NO_x including NO, NO₂)
- Acid gases

Grade 147 for Ammonia and Amines



Specifications

- 500 grams/sq meter media loading
- High Activity Carbon with impregnation
- Works on chemisorption

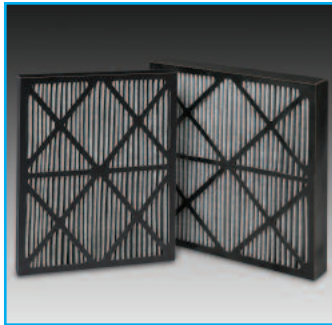
Removes

- Ammonia and Amines
- Bathroom odors
- Animal odors

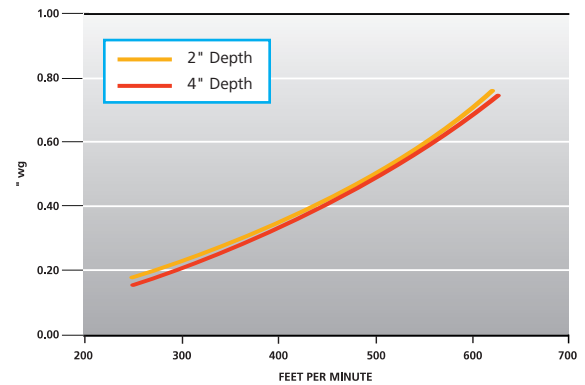
The Frame Selection Guide

Series 1000 (Die Cut Frame)

- Beverage board die cuts
- 2" and 4" nominal depths
- 1.6 pleats per inch
- Five standard sizes
- Custom sizes available

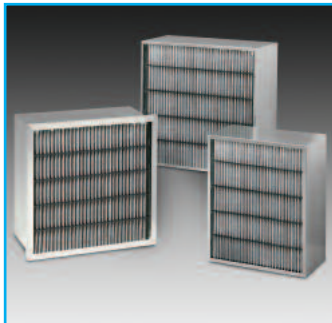


SERIES 1000 PRESSURE DROP

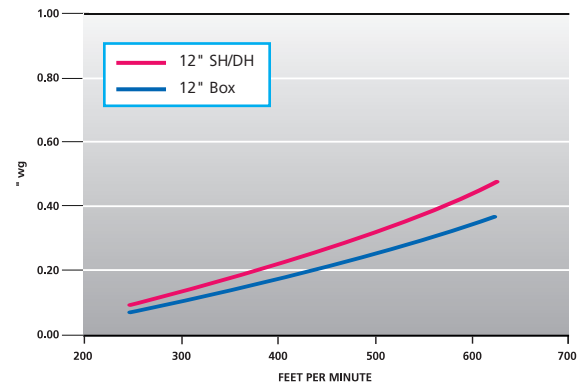


Series 2000 (Galvanized Frame)

- Galvanized frame
- Box style, single (SH) and double (DH) header
- 12" nominal depth
- 1.6 pleats per inch with stabilizers
- Special sizes and depths available



SERIES 2000 PRESSURE DROP

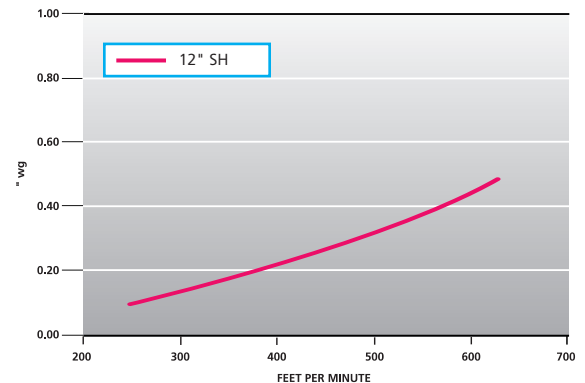


Series 3000 (Plastic Frame)

- Injection-molded Hi Impact Polystyrene (HIPS)
- Single (SH) header style
- 12" nominal depth
- 1.6 pleats per inch with stabilizers
- 9 sizes available
- No sharp edges
- Ideal for harsh environments



SERIES 3000 PRESSURE DROP



Media Square Footage and Residence Time @ 500 fpm

| | 2" | 4" | 12" SH/DH | 12" BOX |
|-----------------|-------|-------|-----------|---------|
| 24/24 | 20 | 42 | 110 | 126 |
| 24/20 | 16 | 35 | 90 | 105 |
| 20/20 | 14 | 29 | 74 | 86 |
| 24/12 | 10 | 20 | 49 | 61 |
| Residence Time* | 0.005 | 0.011 | 0.026 | 0.030 |

* in seconds

Naming Convention

First digit indicates frame selection and last three digits indicate media selection. For instance, a 3653 has a plastic frame with 653 media and an 1147 has a die cut frame with 147 media.

Temperature Limit

Do not operate above 120° F.

Filtration Group Facilities



Media Selection Guide By Common Name

| Group or Common Name Listing | Preferred Media | Group or Common Name Listing | Preferred Media |
|----------------------------------|-----------------|------------------------------|-----------------|
| Adhesives | 653 | Film Processing Odors | 653 |
| Alcoholic Beverages | 653 | Food Aromas | 653 |
| Ammonia | 147 | Fruits | 653 |
| Animal Odors * | 147 or 653 | Gasoline Fumes | 653 |
| Antiseptics | 653 | Kerosene | 653 |
| Asphalt Fumes | 653 | Moth Balls | 653 |
| Bathroom Smells * | 147 or 653 | Paint Odor | 653 |
| Bleaching Solutions | 875 | Pastes and Glues | 653 |
| Body Odors | 653 | Perfumes, cosmetics | 653 |
| Burned Flesh | 653 | Plastics | 653 |
| Burned Food | 653 | Rubber | 653 |
| Burning Fat | 653 | Sewer Odors | 653 |
| Cancer Odor | 653 | Smog | 875 |
| Cheese | 653 | Swimming Pool (Chlorine) | 875 |
| Cleaning Compounds (non-ammonia) | 653 | Tar | 653 |
| Decaying Substances | 653 | Tobacco Smoke Odors | 653 |
| Detergents | 653 | Turpentine | 653 |
| Diesel Exhaust | 651 | Urea | 653 |
| Diesel Fumes (Fuel) ** | 653 | Varnish Fumes | 653 |
| Embalming Odors | 653 | Vinegar (acetic acid) | 875 |

* If Ammonia is the strongest of the odors use 147 media.

** If fumes are generated via a combustion process, e.g. automobile exhaust and gasoline vapor, use 651 media.

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Phone: 1-888-628-3458
 www.dafcofiltrationgroup.com
 e-mail: info@dafcofiltrationgroup.com

