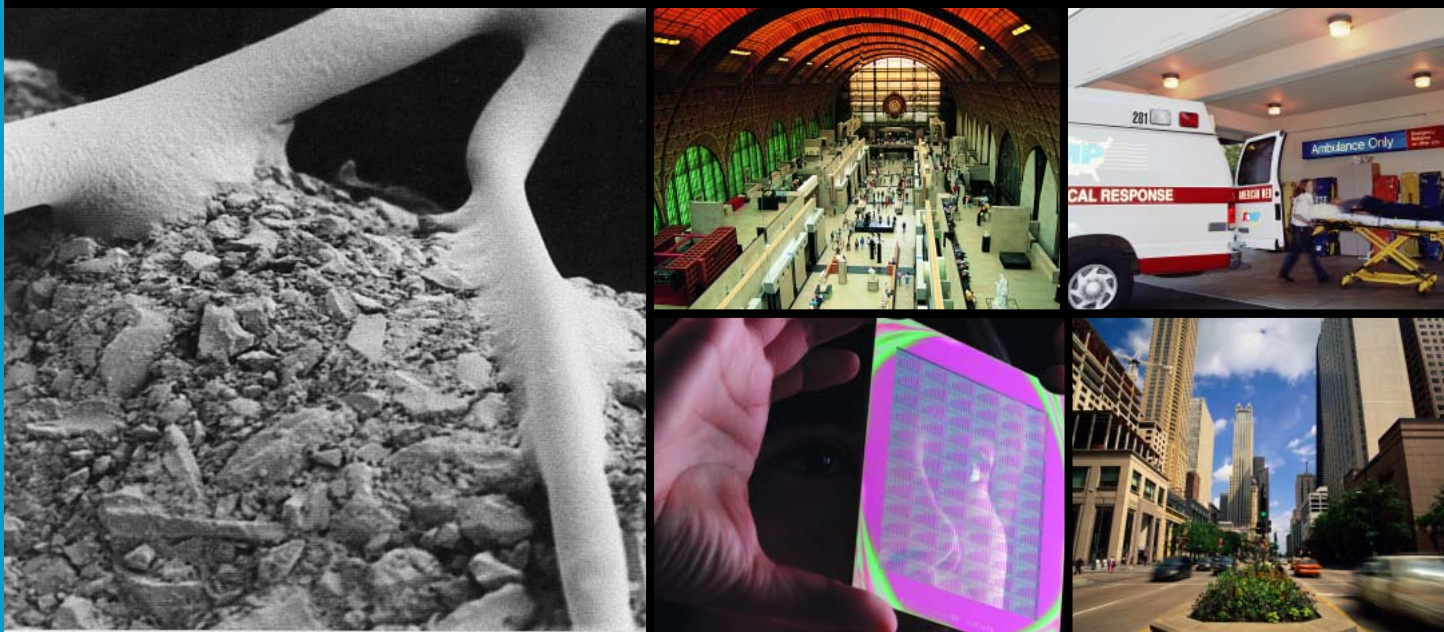




HEGA™ Filters

Select the correct filter for your application



High Efficiency Gas Adsorbers

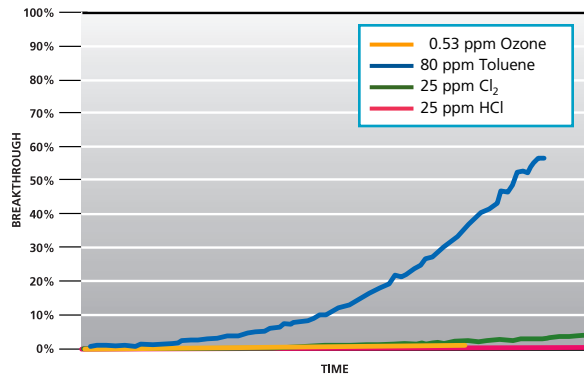
remove gaseous air contaminants
and undesirable odors, giving your
occupants and processes the indoor
air quality that they require



FILTRATION GROUP

The Media Grade Selection Guide

Grade 653 for VOCs



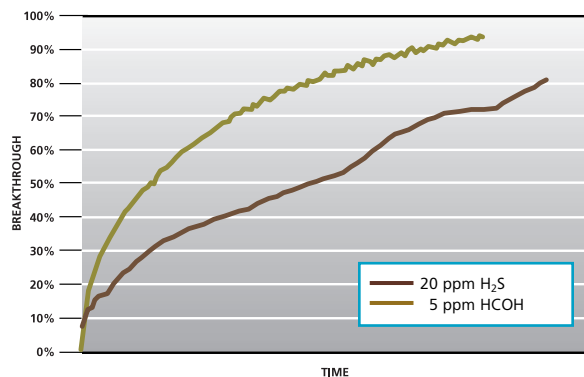
Specifications

- 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



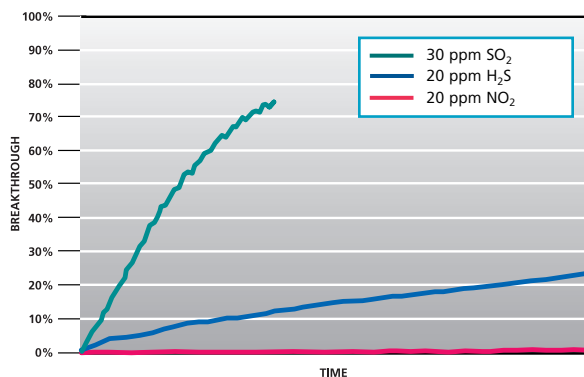
Specifications

- 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



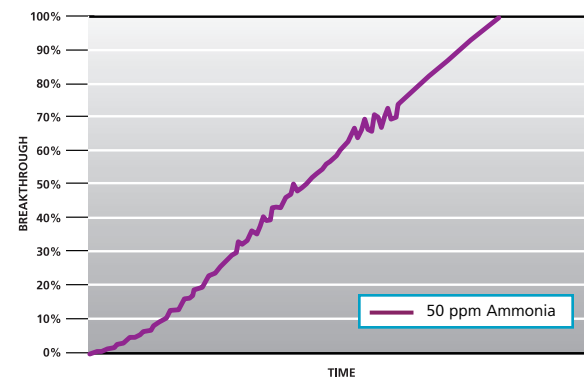
Specifications

- 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

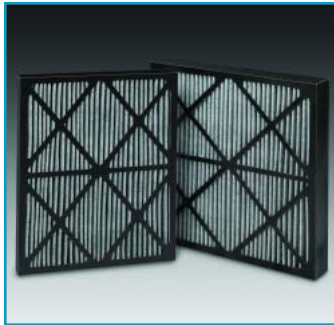
Removes

- Ammonia and Amines
- Bathroom odors
- Animal odors

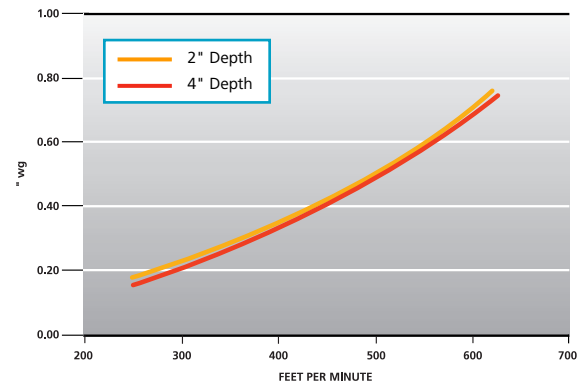
The Frame Selection Guide

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

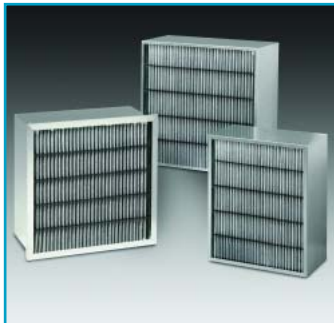


SERIES 1000 PRESSURE DROP

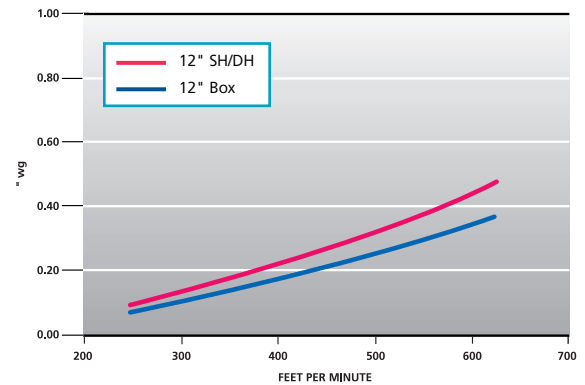


Series 2000 (Galvanized Frame)

- 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

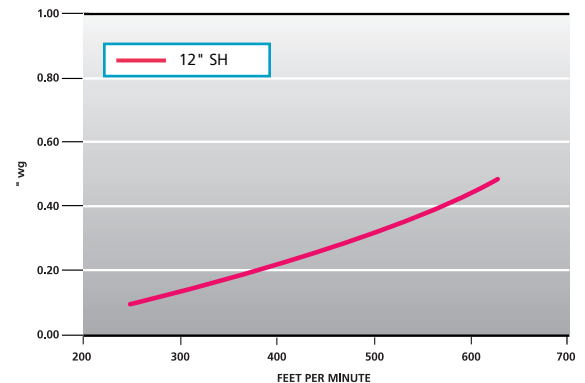


Series 3000 (Plastic Frame)

- 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

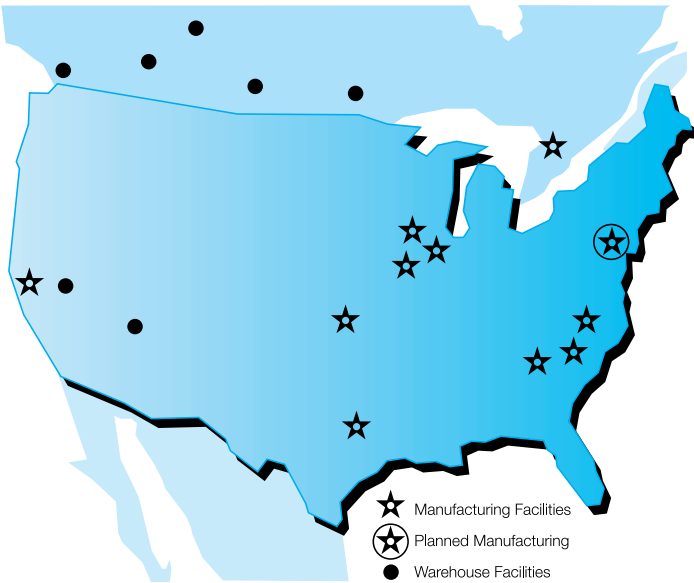
Naming Convention

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



Broad Product Offering

HVAC
 Industrial Dust & Liquid
 Molecular
 Paint & Finishing
 Cleanroom
 Bio-Safety & Cleanbench
 Filter Media & Nonwovens
 Power Systems
 Safety & Engineered Products

Media Selection Guide By Common Name

Group or Common Name Listing	Preferred Media
Adhesives	653
Alcoholic Beverages	653
Ammonia	147
Animal Odors *	147 or 653
Antiseptics	653
Asphalt Fumes	653
Bathroom Smells *	147 or 653
Bleaching Solutions	875
Body Odors	653
Burned Flesh	653
Burned Food	653
Burning Fat	653
Cancer Odor	653
Cheese	653
Cleaning Compounds (non-ammonia)	653
Decaying Substances	653
Detergents	653
Diesel Exhaust	651
Diesel Fumes (Fuel) **	653
Embalming Odors	653

Group or Common Name Listing	Preferred Media
Film Processing Odors	653
Food Aromas	653
Fruits	653
Gasoline Fumes	653
Kerosene	653
Moth Balls	653
Paint Odor	653
Pastes and Glues	653
Perfumes, cosmetics	653
Plastics	653
Rubber	653
Sewer Odors	653
Smog	875
Swimming Pool (Chlorine)	875
Tar	653
Tobacco Smoke Odors	653
Turpentine	653
Urea	653
Varnish Fumes	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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