

CARBONWEB® & CARBONWEB® PLUS PANELS FOR HVAC SYSTEMS GRANULAR ACTIVATED CARBON & 50/50 BLEND

DESIGNED FOR REMOVAL OF:

- Particulates
- Gaseous Pollutants
- Odors
- Light Gases [CarbonWeb Plus] Ammonia NH_3 Formaldehyde CH_2O Hydrogen Sulfide H_2S Sulfur Dioxide SO_2

APPLICATIONS

CARBONWEB

- Offices, Retail and Commercial Buildings
- Apartment and Lodging Complexes
- Industrial Plant Offices, Laboratories and Work Areas
- Industrial Buildings, Offices, Classrooms
- Disaster Remediation and Restoration
- Residential Air Quality Problems

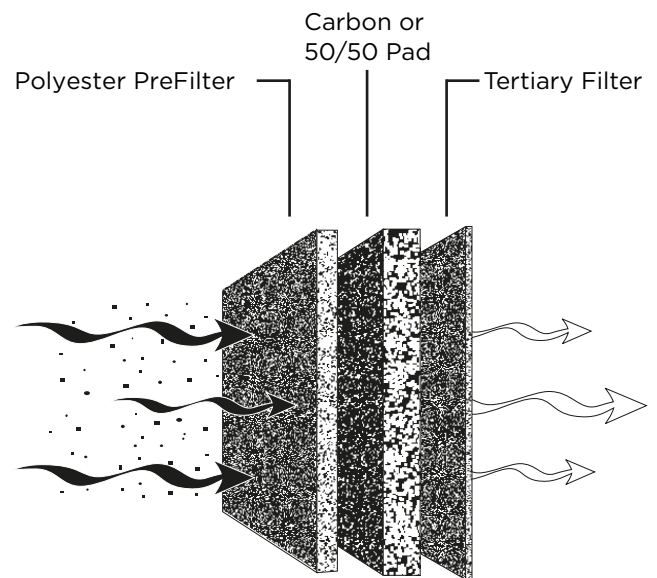
CARBONWEB PLUS

- Hospitals, Convalescent Homes, Veterinarians
- Libraries, Laboratories, Wastewater Treatment
- Paper Mills, Chemical and Food Processing
- Mortuaries, Morgues, Embalmers
- Off-Gassing from Floor Coverings, Laminate Adhesives
- Pet Stores, Beauty Shops

No matter what the reason, when indoor air smells bad, people are not very happy about it. Bad air is unpleasant, distracting and potentially unhealthy. **CarbonWeb** Filters can help. Their outer polyester layer removes particulates from indoor air just like conventional HVAC filters.



THREE STAGE FILTRATION



CarbonWeb filters utilize 60% activity granular activated carbon (gac) for general odor removal.

CarbonWeb Plus contain equal volumes of 60% gac and activated alumina impregnated with 5% potassium permanganate to remove odors and light gases. Both products provide a fresher, more odor-free environment.

CarbonWeb® Patented Filter Media

D-Mark Air Filtration Products are made with CarbonWeb® Flexible Carbon Filled Filter Media. Using a patented process, media for general odor control is filled with granular activated carbon. Media for the control of light gases is filled with other types of adsorbents, either alone or in combination with granular activated carbon. The result is high-efficiency filtration for a variety of odor control challenges.

IAQ problems are unpredictable. They appear suddenly and can be a one-time occurrence, or crop up periodically. In either event, making changes in the air handling system to deal with them is neither timely nor cost effective.

CarbonWeb and **CarbonWeb Plus** Panel filters offer a fast and effective solution. Both product lines are interchangeable with conventional HVAC filters, available for light, medium or heavy duty applications, in standard and special sizes, and 1" and 2" thicknesses. To find out more, contact customer service and describe your odor control challenge.

FEATURES

- Three-stage filtration includes:
 - Primary** - 3/4" polyester media removes particulates
 - Secondary** - Patented, flexible CarbonWeb media adsorbs odors, pollutants; light gases.
 - 60% activity gac or equal volumes of 60% gac and activated alumina impregnated with 5% potassium permanganate.
 - Tertiary** - Media removes stray particulates or carbon
- Interchangeable with and/or replaces existing HVAC filters
- Low air resistant, non-bypass disposable filter designs offered in capacities for light, moderate or heavy duty applications
- Available in standard die-cut beverage board frames, in standard HVAC or custom sizes
- Packaged in polyethylene to preserve capacity and cleanliness
- **UL Classified: See complete marking on product.**

SPECIFICATIONS

Product	GAC-Wt., Grams sq. ft. sq. meter		Nominal Thickness	Initial Resistance		Average Arrestance @500FPM	MERV Rating	Particulate Capacity [grams]	Final Resistance [in WG]
				300FPM	500FPM				
CarbonWeb I	100	1075	1"	.17	.37	60-65%	6	200	1.0"
CarbonWeb II	200	2150	2"	.20	.47	70-75%	7	205	1.2"
CarbonWeb III	300	3225	2"	.22	.52	80-86%	7	235	1.2"
CarbonWeb I Plus	125	1345	1"	.17	.37	60-65%	6	200	1.0"
CarbonWeb III Plus	375	4035	2"	.22	.52	80-86%	7	235	1.2"

Data in accord with ANSI/ASHRAE 52.1 - 1992 and 52.2 test method.

Variations will occur during production, therefore this data should only be used as a guide.

D-Mark has a policy of continuous product improvement and reserves the right to make changes in designs and specifications without notice.

For questions and orders contact
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