

CARBONWEB® RING PANEL FILTERS

GRANULAR ACTIVATED CARBON FILTERS FOR HVAC SYSTEMS

DESIGNED FOR REMOVAL OF

- Particulates
- Gaseous Pollutants
- Odors

RING PANEL APPLICATIONS

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

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. But inside is a core of CarbonWeb filter media containing 60% activity granular activated carbon which removes odors and gaseous pollutants as well.

The result is 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.

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IAQ problems are unpredictable. They can appear suddenly and be a one-time occurrence, or crop up periodically. In either event, making changes in the air handling system to deal with them is not timely or cost effective.

CarbonWeb Ring Panel filters offer a fast and effective solution to many of these problems, and can directly replace other Ring Panel products and many HVAC filters. They offer three-stage filtration, which removes particulates as well as odors. The edges are self sealing and an internal wire "ring" supports the filter. They are offered in standard and custom sizes in 1" and 2" thicknesses and as links.

FEATURES

- Interchangeable with other ring panel products and many HVAC filters
- Edges are self sealing
- Low air resistance, non-bypass, disposable filter
- Three-stage filtration includes:
 - Primary** - 3/4" polyester media removes particulates
 - Secondary** - Patented CarbonWeb media "adsorbs" odors, pollutants
 - Tertiary** - Media removes stray particulates or carbon
- Granular Carbon loadings of 45, 300 and 345 grams/ square foot (Equivalent to 485, 3225 and 3710 grams/ square meter)
- Alternative adsorptive pads cans be substituted for carbon. They include: **CarbonWeb Plus**, carbon blended with impregnated alumina; **100% impregnated alumina**; or **triple blend**, which utilizes an equal volume blend of zeolite, impregnated alumina and carbon.
- Available in standard and special sizes, in 1" and 2" thicknesses
- Links in both standard and custom sizes
- **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				
Light Duty	CWCRC-01-045	45	485	1"	.14	.30	80-85%	8	200	1.0"
Medium Duty	CWCRC-02-300	300	3225	2"	.23	.55	80-85%	8	200	1.2"
Heavy Duty	CWCRC-02-345	345	3710	2"	.31	.65	85%+	8	200	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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