

OdorGuard® &

OdorGuard® Plus

Panels for HVAC Systems

Granular Activated Carbon and 50/50 Blend

Designed for Removal of:

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

Applications:

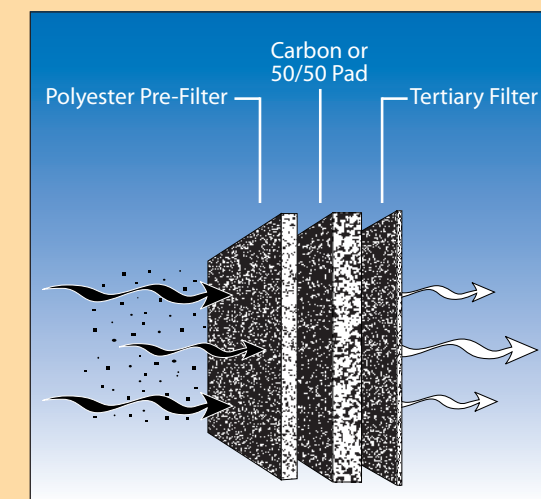
OdorGuard

- 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

OdorGuard 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. OdorGuard Filters from D-Mark can help. Their outer polyester layer removes particulates from indoor air just like conventional HVAC filters.



Three Stage Filtration

OdorGuard filters utilize 60% activity granular activated carbon for general odor removal. OdorGuard 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® Filter Media. Using a patented process, media for general odor control is loaded with granular activated carbon. Media for the control of light gases is loaded 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.

D-MARK®
The Carbon Filter Specialists™
SINCE 1970

OdorGuard® &

OdorGuard® Plus

Panel Filters for HVAC Systems

Granular Activated Carbon and 50/50 Blend

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.

OdorGuard and OdorGuard 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, visit the D-Mark web site or contact D-Mark 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 tested: Class 2 approved

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				
OdorGuard I	100	1075	1"	.17	.37	60-65%	6	200	1.0"
OdorGuard II	200	2150	2"	.20	.47	70-75%	7	205	1.2"
OdorGuard III	300	3225	2"	.22	.52	80-86%	7	235	1.2"
OdorGuard I Plus	125	1345	1"	.17	.37	60-65%	6	200	1.0"
OdorGuard 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.

To find out more, visit the D-Mark web site, or
contact D-Mark Customer Service and describe your odor control challenge.

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OdorGuard[®]

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. OdorGuard Filters from D-Mark 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[®] Filter Media. Using a patented process, media for general odor control is loaded with granular activated carbon. Media for the control of light gases is loaded 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.

D-MARK[®]
The Carbon Filter Specialists[™]
SINCE 1970

OdorGuard® Ring Panel Filters

Granular Activated Carbon Filters For HVAC Systems

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.

OdorGuard 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
- UL tested; Class 2 approvals
- 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 can be substituted for carbon. They include: OdorGuard 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

Specifications:

	Product	GAC-Wt., Grams sq. ft. sq. meter		Nominal Thickness	Initial Resistance		Average Arrestance @500FPM	Merv Rating	Particulate Capacity (grams)	Final Resistance (in WGI)
					300FPM	500FPM				
Light Duty	OGCRC-01-045	45	485	1"	.14	.30	80-85%	8	200	1.0"
Medium Duty	OGCRC-02-300	300	3225	2"	.23	.55	80-85%	8	200	1.2"
Heavy Duty	OGCRC-02-345	345	3710	2"	.31	.65	85%+	9	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.

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To find out more, visit the D-Mark web site, or
contact D-Mark Customer Service and describe your odor control challenge.

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