

# D-Mark CarbonWeb® Carbon Pleat Filter

D-Mark **CarbonWeb®** Carbon Pleat Filter is specifically designed to remove unpleasant odors and gaseous pollutants entering a buildings HVAC system. Neutralizing target molecular or gas phase contaminants prior to distribution.

CarbonWeb media is a patented material suspending high weights of fine 20x50 mesh Carbon Tetrachloride Activity (CTC) 60 carbon in synthetic web matrix. The unique process maximizes carbon surface area to increase first pass efficiency.

Carbon Web pleats are available in three media weight categories ranging from 215 GSM to 485 GSM.

CarbonWeb Plus pleats use a 50/50 blend of CTC 60 Carbon and Activated Alumina with 5% Potassium Permanganate  $KMnO_4$ .



## Partial List of Contaminants Effectively Removed with Carbon

Acetic Acid	Organic Chemicals
Asphalt Fumes	Ozone
Cooking Odors	Perspiration
Disinfectants	Animal Odors
Food Aromas	Sewer Odors
Hospital Odors	Waste products

## CarbonWeb Plus Removes Odors, Particulates, and Light Gasses

Ammonia	Sulfur Dioxide
Formaldehyde	Hydrogen Sulfide

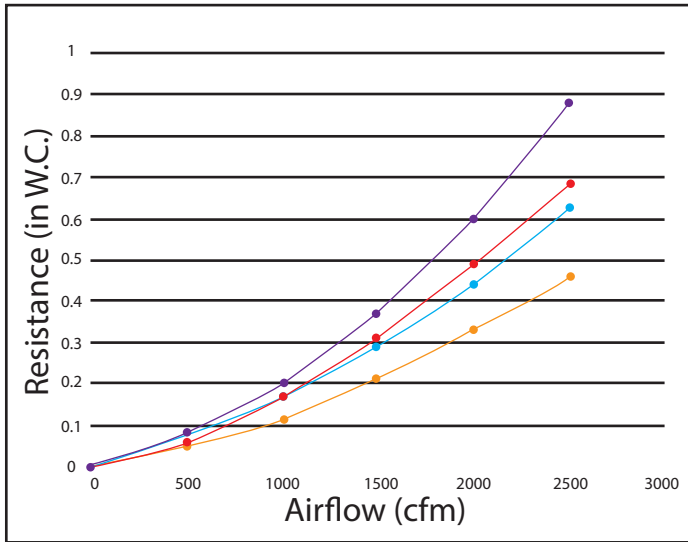
Model	Description	Nominal	GAC Carbon Weight	Particulate Layer	Initial Resistance (in w.g.)		MERV	Final Resistance WG
					300 FPM	500 FPM		
CarbonWeb LD	CTC 60 High Activity Carbon	24x24x2	215 gsm	No	0.21	0.33	7	1.20"
CarbonWeb MD	CTC 60 HAC-Particulate Layer	24x24x2	323 gsm	Yes	0.31	0.49	8	1.20"
CarbonWeb HD	CTC 60 HAC-Particulate Layer	24x24x2	485 gsm	Yes	0.29	0.45	10	1.20"
CarbonWeb Plus	50/50 HAC-Activated Alumina PP	24x24x2	592 gsm	Yes	0.37	0.60	10	1.20"

CarbonWeb® Patented Filter Media

**RENSA** FILTRATION

# CarbonWeb® Carbon Pleat Filter

## Performance Data



- Plus 50/50
- Light Duty
- Medium
- Heavy Duty

## Specifications

**CarbonWeb Pleat Filters** are constructed with 100% CTC 60 highly activated 20x50 mesh carbon suspended in a synthetic web matrix.

**Carbon Web Plus Filters** are constructed with a heavyweight 50/50 blend of CTC 60 carbon and Activated Alumina with Potassium Permanganate.

**Frame:** Heavy Duty 28 point beverage board for industrial applications. 1", 2" and 4" frame depths available

**Maximum Operating Temp:** 140F

UL Classified in accordance to UL 900

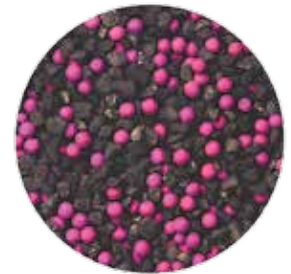
## Available Standard Sizes

12x24x1	12x24x2	12x24x4
16x20x1	16x20x2	16x20x4
16x25x1	16x25x2	16x24x4
18x24x1	18x24x2	18x24x4
20x20x1	20x20x2	20x20x4
20x24x1	20x24x2	20x24x4
20x25x1	20x25x2	20x25x4
24x24x1	24x24x2	24x24x4

## Special Sizes Available



CarbonWeb® Media  
215 GSM Light Duty  
323 GSM Medium Duty  
485 GSM Heavy Duty



CarbonWeb® Plus  
50/50 Blend  
Carbon & Activated  
Alumina 5% Potassium  
Permanganate



Food Odor



Restaurant



Hospital



Greenhouse



Animal Odor



Office



Sewer Gas



Sports Arena

D - Mark  
130 N. Groesbeck Hwy.  
Mt. Clements, MI 48043  
www.dmarkinc.com

RENSA FILTRATION

800-343-3610  
586-949-3610  
F 586-949-4181  
dmark@dmarkinc.com