

# CarbonWeb® Plus Carbon/PP Rigid Filter

D-Mark **CarbonWeb® Plus** Carbon Rigid Filter HEGA (High Efficiency Gas Adsorber) utilizes a patented process method to blend CTC 60 High Activity Carbon and Activated Alumina chemically impregnated with 5% Potassium Permanganate.

Potassium Permanganate destroys odors and gas phase through the process of absorption, adsorption and chemical oxidation. Molecules are reduced to odorless, non-toxic by products, with no odor desorption to be experienced.

CarbonWeb Plus is specifically designed to remove or neutralize specific gases such as ammonia, sulfur dioxide, hydrogen sulfide and diesel fumes.

Extended surface rigid carbon filters provide high removal efficiency with low initial resistance and long service life.



## Partial List of Contaminants Effectively Removed with Carbon & Potassium Permanganate 50/50 Blend

Paint Solvents  
Irritant Oxides  
Ammonia  
Formaldehyde  
Pulp & Paper Mill

Diesel Exhaust  
Airport Fumes  
Ozone  
Acrid Odor  
Industrial Gas

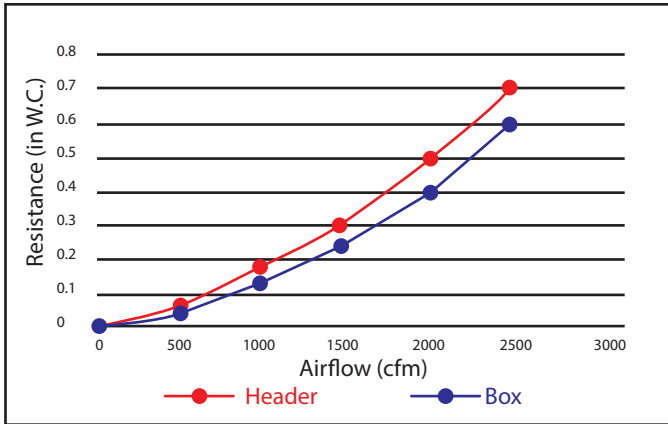
Model	Nominal Size	Media area	Per Filter Pounds GAC -Wt.	Initial Resistance (in w.g.)		Particulate Capacity (Grams)	Final Resistance WG
				300 FPM	500 FPM		
<b>BOX STYLE</b>				300 FPM	500 FPM		
CWBMC-12-800-01	12x24x12	29.0	4.8	0.167	0.425	270	1.5
CWBMC-12-800-05	20x20x12	39.9	6.6	0.167	0.425	371	1.5
CWBMC-12-800-06	20x24x12	48.3	8.0	0.167	0.425	450	1.5
CWBMC-12-800-08	24x24x12	58.7	9.8	0.167	0.425	547	1.5
<b>SINGLE HEADER</b>							
CWBMC-12-800-01	12x24x12	26.0	4.3	0.167	0.425	242	1.5
CWBMC-12-800-05	20x20x12	35.4	5.9	0.167	0.425	329	1.5
CWBMC-12-800-06	20x24x12	43.4	7.2	0.167	0.425	404	1.5
CWBMC-12-800-08	24x24x12	52.6	8.8	0.167	0.425	490	1.5

CarbonWeb® Patented Filter Media

**RENSA** FILTRATION

# CarbonWeb® Plus Carbon/PP Rigid Filter

## Performance Data



## Specifications

**Media:** CarbonWeb Plus media suspending 20x50 fine mesh CTC 60 HAC carbon and activated alumina with 5% potassium permanganate in a synthetic web matrix.

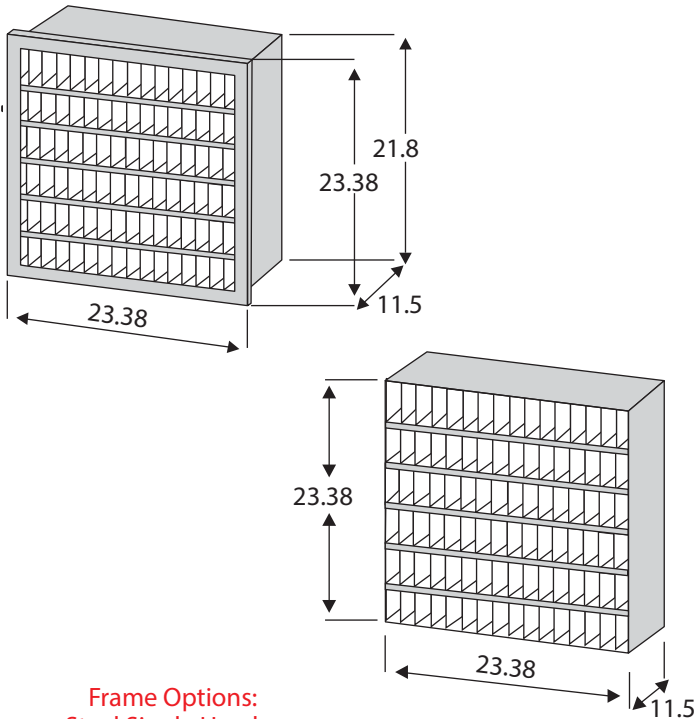
**Frame:** 26 gauge galvanized steel frame with diagonal support struts. Optional high impact plastic frame available.

**Sealant:** Media pack shall be bonded to frame utilizing moisture resistant adhesive for continuous seal.

**Gasketing:** Optional premium closed cell neoprene gasket available.

**Maximum Operating Temp:** 140F.

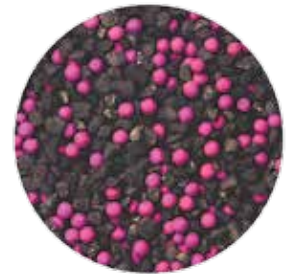
UL Classified in accordance to UL 900



Frame Options:  
 Steel Single Header  
 Steel Box Style  
 Plastic Single Header  
 Plastic Box



Pleat Packs Formed Using CarbonWeb Patented Media



50/50 Blend of HAC Carbon and Activated Alumina



Airport



Diesel Exhaust



Hospital



Greenhouse



Industrial



Museum



Sewer Gas



Paint Solvent

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RENSA FILTRATION

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