

CarbonWeb® Carbon Rigid Filter

D-Mark **CarbonWeb®** Carbon Rigid Filter HEGA (High Efficiency Gas Adsorber) is specifically designed to remove unpleasant odors and gaseous pollutants entering the buildings HVAC system.

CarbonWeb media is a patented material utilizing a fine mesh CTC 60 High Activity Carbon (HAC) suspended in a synthetic web matrix. The heavy 645 gsm media and deep pleat filter design maximize carbon surface area for important first pass removal efficiency.

Rigid filter construction minimizes restriction of air flow and is designed for use in VAV or constant velocity air systems. Box style and single header frames are available for easy retrofit to existing units or new installations. CarbonWeb media can remove organic, inorganic, chlorinated hydrocarbons and many miscellaneous light gasses.

Special media blends can be developed for target contaminant removal via D-Mark engineering.



Partial List of Contaminants Effectively Removed with Carbon

Greenhouse	Liquid Fuels
Adhesives	Organic Chemicals
Asphalt Fumes	Ozone
Cooking Odors	Perspiration
Disinfectants	Animal Odors
Food Aromas	Sewer Odors
Hospital Odors	Vapors
Irritants	Waste Products

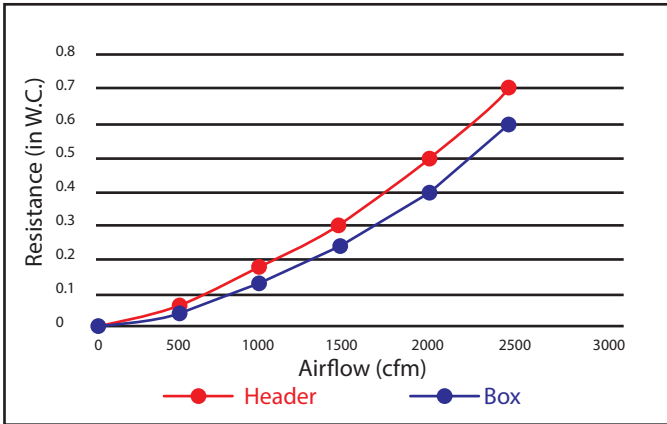
Model	Nominal Size	Media area	Per Filter Pounds GAC -Wt.	Initial Resistance (in w.g.)		Particulate Capacity (Grams)	Final Resistance WG
				300 FPM	500 FPM		
BOX STYLE				300 FPM	500 FPM		
CWCMC-12-800-01	12x24x12	29.0	3.8	0.167	0.425	270	1.5
CWCMC-12-800-05	20x20x12	39.9	5.3	0.167	0.425	371	1.5
CWCMC-12-800-06	20x24x12	48.3	6.4	0.167	0.425	450	1.5
CWCMC-12-800-08	24x24x12	58.7	7.8	0.167	0.425	547	1.5
SINGLE HEADER							
CWCMCH-12-800-01	12x24x12	26.0	3.4	0.167	0.425	242	1.5
CWCMCH-12-800-05	20x20x12	35.4	4.7	0.167	0.425	329	1.5
CWCMCH-12-800-06	20x24x12	43.4	5.7	0.167	0.425	404	1.5
CWCMCH-12-800-08	24x24x12	52.6	7.0	0.167	0.425	490	1.5

CarbonWeb® Patented Filter Media

RENSA FILTRATION

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Performance Data



Specifications

Media: CarbonWeb 645 gsm media suspending 20 x 50 fine mesh 60 CTC carbon in a synthetic web matrix.

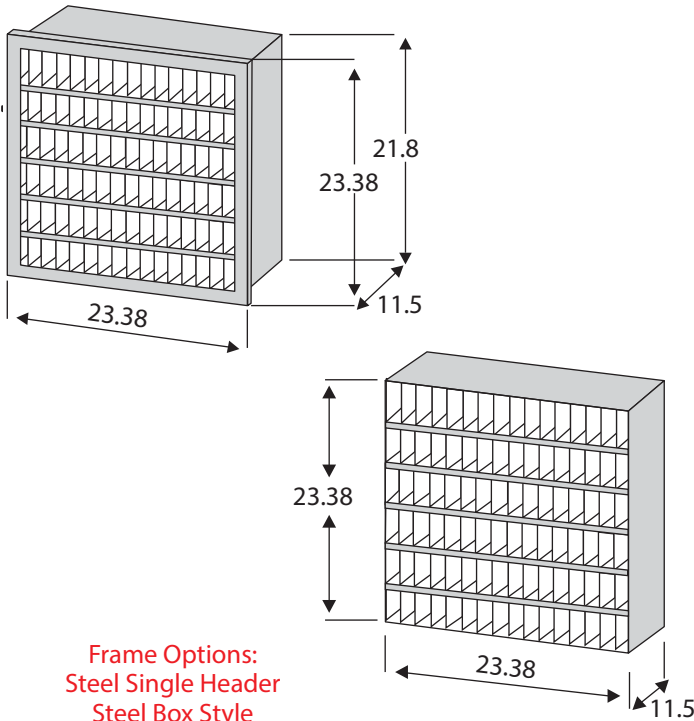
Frame: 26 gauge galvanized steel frame with diagonal support struts. Optional high impact plastic frame available.

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



Even Pleat Spacing
 for Maximum Air
 Flow



Food Odor



Restaurant



Hospital



Greenhouse



Animal Odor



Industry



Office



Sewer Gas



Sports Arena

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