

# CarbonWeb® CA-13 Gas & Particulate Pleat

**CarbonWeb® CA-13** combination particulate and gas pleated filter is designed to remove airborne particulate and mitigate nuisance gaseous odors and fumes entering a buildings HVAC system from an outside source.

CA-13 is constructed with dual-layer media consisting of a MERV 13 synthetic layer to achieve LEED level efficiency, and 200 gsm of High Activity Carbon (HAC) to remove and control lower concentrations of noxious gases and fumes without system modification.

The expansive HAC surface area from fine mesh carbon greatly increases the dwell time required to capture unwanted and harmful gases with first-pass efficiency.

MERV 13 rated filters have a dust spot removal efficiency of 80-90% and are highly efficient filters for commercial and industrial use, removing a higher range of particles for a cleaner environment in occupied spaces.

CarbonWeb media is designed and manufactured in the USA to exacting standards.



**CarbonWeb CA-13 is constructed with a dual-layer MERV 13 particulate and 200 gsm of High Activity Carbon**

Commercial Buildings and Office Space  
 Congested Traffic Areas - City Locations  
 Buildings with Air Intakes Near Freeways  
 Restaurant and Food Odors  
 Arenas  
 HVAC System IAQ Upgrade Without Modification

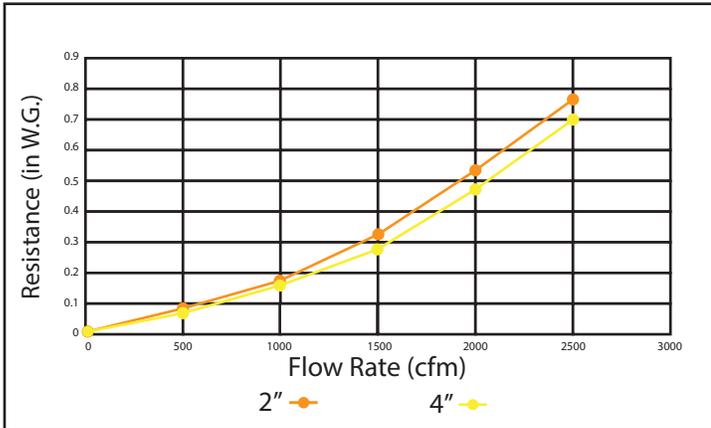
Model	Nominal Size	High Activity Carbon/PP	Case Weight	Initial Resistance WC	Initial MERV	Final Resistance WG
<b>CarbonWeb CA-13</b>				500 FPM		
CWCA-13-02-050-08	24x24x2	200 gsm	12.7 LBS	0.53"	13	1.2"
CWCA-13-04-100-08	24x24x4	200 gsm	10.3 LBS	0.47"	13	1.2"

CarbonWeb® CA-13

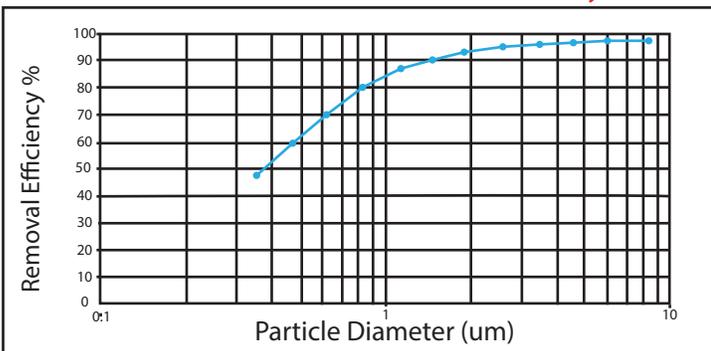
**RENSA** FILTRATION

# CarbonWeb® CA-13

## Performance Data



## Initial Particle Size Removal Efficiency



## Available Standard Sizes

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

## Special Sizes Available



Universities



Restaurants



Office



Hospital



High Traffic

## Specifications

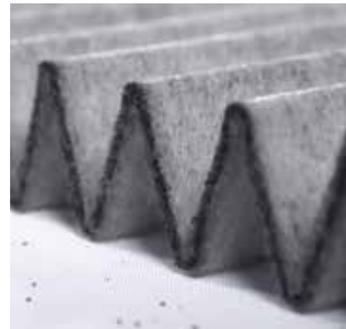
**Media:** Dual-layer combination media consisting of a MERV 13 synthetic particulate layer laminated to a 200 gsm High Activity Carbon 20x50 mesh layer.

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

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

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

**Maximum Operating Temp:** 140F.



MERV 13 Layer  
Bonded to 200 gsm  
Carbon Matrix with  
Support Scrim