

CarbonWeb® HCX-Mini

CarbonWeb® HCX-Mini is specifically designed to remove or mitigate low concentrations of diesel and aviation fuel exhaust gases entering occupied building spaces via HVAC system air intakes.

Diesel and aviation fuels exhaust entering occupied spaces and greatly reduce Indoor Air Quality and create an unpleasant to unhealthy environment for building occupants. The HCX-Mini utilizes a heavy weight proprietary blend of carbons and potassium permanganate in a thick media design to increase the mass transfer zone of carbon thus extending molecular dwell and capture time with the carbon surface area.

HCX-Mini is available in standard size 2" and 4" depth industrial grade plastic frame to replace existing particulate filters in HVAC systems with no modification.

HCX-Mini is constructed with a very heavy and dense 600 gsm weight proprietary blend media specifically designed to react with and help remove lower concentrations of the multiple harmful gases generated during diesel and aviation fuel combustion such as NOx, formaldehyde and carbon monoxide.



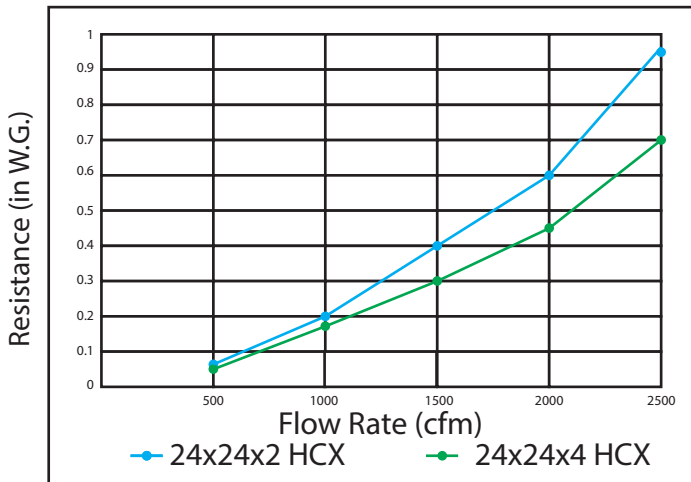
CarbonWeb HCX-Mini is constructed with a proprietary blend of high activity carbon, impregnated carbon and activated alumina with potassium permanganate specifically blended to mitigate diesel and aviation fuel and exhaust odors

- HVAC Air Intake Near Helipads and Helidecks
- Loading Dock Fumes from Idling Trucks
- Airports
- Occupied Buildings Near Active Construction Sites with Combustion Engines
- Universities
- Buildings with Air Intakes Near Freeways
- Congested Traffic Areas and City Locations

Model	Nominal Size	High Activity Carbon/PP	Case Weight	Initial Resistance WC	Initial MERV	Final Resistance WG
CarbonWeb HCX-Mini				500 FPM		
CWHCX-02-600-08	24x24x2	600 gsm	24.0 LBS	0.62"	8	1.2"
CWHCX-04-600-08	24x24x4	600 gsm	26.1 LBS	0.45"	8	1.2"

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Performance Data



Specifications

Media: 600 gsm proprietary blend of specialty carbons and activated alumina with potassium permanganate suspended in a nonwoven bi-co fiber matrix.

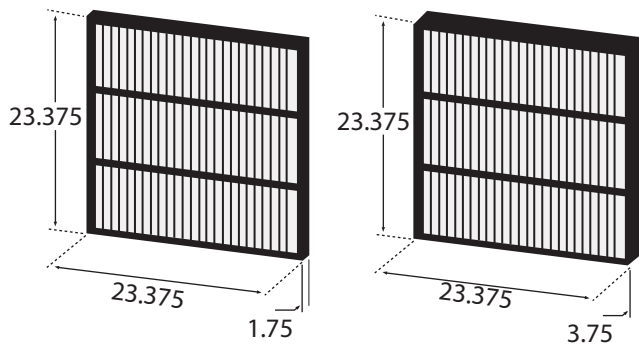
Frame: Double walled high strength plastic frame for industrial applications with minimum resistance to air flow.

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.

Incinerable: Yes



12x24x2	12x24x4
16x20x2	16x20x4
16x25x2	16x24x4
18x24x2	18x24x4
20x20x2	20x20x4
20x24x2	20x24x4
20x25x2	20x25x4
24x24x2	24x24x4

Available Standard Sizes



Solid Pleat Tip Stabilizer Provides Rigidity and Uniformity



Potted Media to Prevent Bypass



Diesel Exhaust



Helipads



Airports



High Traffic