ACTIVATED CARBON V BANK ODOR CONTROL SYSTEMS

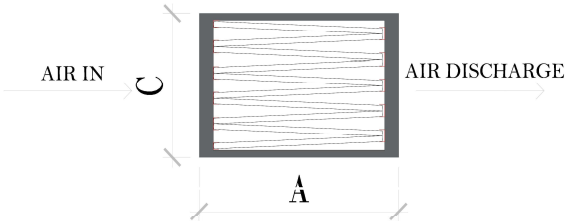
Activated carbon V filter bank removes unwanted odors by acting as an adsorbent which will trap the odor inside the activated carbon and retain it. Activated coconut and coal carbon are a great adsorbent because of its huge surface area. Virgin activated carbon is excellent at removing unwanted and harmful odors, pollutants and VOCs by both absorbing and adsorbing. Activated carbon is very proficient because it has micro and macro pores to pull molecules into itself there by absorbing them, as well as attracting them and holding molecules on its surface there by adsorbing them. The process of 'activating' carbon is designed to maximize the surface area to mass ratio.

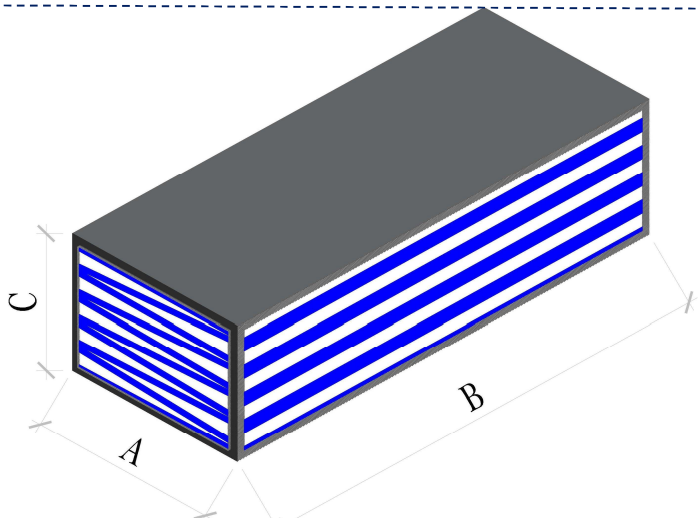
The activation process generates a network of minute openings (pore or cavities) of different diameters on the carbon surface which become the path for air to access the extended internal surface created by the activation.

At IVOLTAIR, we specialize in Air Treatment with Activated Carbon for various applications. We understand the standards and quality that are required to work within the industry. Removing hazardous odors from your environment can not only remove unpleasant odors, but also the VOCs can improve your health and mood. This is because the carbon removes unwanted gas contaminants that can seriously affect our health.

APPLICATIONS

- Cooking and food odors
- Pet odors and Animal Clinics
- New Paint and Stain odors
- New carpet and hardwood odors
- Bathroom odors
- Cigarette, Cigar and Pipe smoking odors
- Greenhouse System Odors
- Indoor Air Quality
- HVAC





IVOLTAIR activated carbon V filter banks are designed to meet the industry requirements and it meets our standard ESP (Dry scrubber) Models and its capacities which enables easy installation and user friendly operation

Activated Carbon Media filter in G4 grade down to 10 micron of Box type, Media: Activated carbon Media Iodine Value 1000, Eff: 90%, Filter Construction: Granules, Frame: GI Perforated, Temp. Ambient

Model	IVCB2500	IVCB5000 / V	IVCB7600	IVCB10200 / V	IVCB15200/V
Capacity in CFM	1500	3000	4500	6000	9000
Unit Size (A*B*C) in mm	750*605*515	750*1175*515	750*1745*515	750*2315*515	695*1160*1530
Unit finishing	GI / Powder Coated	GI / Powder Coated	GI / Powder Coated	GI / Powder Coated	GI / Powder Coated
No of Filters	8	16	24	32	46
Filter size (mm)	565*635*20	565*635*20	565*635*20	565*635*20	565*635*20
Static Pressure for clean filter (mm wg)	15 - 20	15 – 20	15 – 20	15 - 20	15 - 20
Residential time (seconds)	0.1 – 0.2	0.1 – 0.2	0.1 – 0.2	0.1 – 0.2	0.1 – 0.2
Air flow	LHS - RHS	LHS – RHS	LHS – RHS	LHS - RHS	LHS - RHS

IVOLTAIR
ELECTROSTATIC AIR CLEANER

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