

HMB™ V-Bank Filters — Air Purification



Bonded Particulate Structure (BPS™) Activated Carbon V-Bank Filters Remove Gaseous Pollutants

The High Mass Bonded (HMB™) BPS™ activated carbon V-Bank modules are ideally suited for use in a wide range of contaminated air streams that exists in commercial and industrial environments such as: HVAC recirculation systems, make-up air and corrosion control, sewage treatment facilities, trash transfer stations, and waste energy generation plants.

- Anti-microbial high-loft, non-woven polyester "pre" and "post" filtration
- High mass carbon content for long life
- Superior gas phase roughing filter for high concentration high efficiency applications

Positive Impact on Occupant Health

Removes interior and exterior gaseous pollution sources such as tobacco smoke, cleaning solvents, off-gassing from building materials, human metabolic by-products, vehicle exhaust, paint fumes, jet fumes, manufacturing process emissions, and agriculture process emissions that cause illnesses.

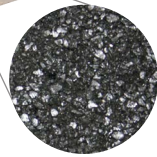
Environmentally-friendly

Cleaner and easier to use than loose trays or honeycomb panels - no dusting or carbon fines.



Call today to learn how to improve your Indoor Air Quality!

HMB™ V-Bank Filters



Uses Proprietary Bonded Particulate Structure (BPS™) Technology

The High Mass Bonded (HMB™) V-bank filter utilizes a proprietary carbon bonding process resulting in superior odor control and removal of volatile organic compounds, airborne particulates and pollutants. Versatile and modular construction facilitates easy system design for new installations or for retrofitting existing duct systems or air handlers.

The filter is constructed of multiple bonded panels of high quality activated carbon arranged in a "V" configuration and sealed in a heavy duty galvanized steel frame using non-off-gassing urethane potting. Each individual panel includes a "pre" and "post" filter to provide particulate filtration and help prolong the filter service life by preventing carbon from blinding.

- Fits most standard front and side access frames and housings

Filters are Designed for Maximum Adsorptive Capacity

- Bonded carbon maintains its high adsorptive properties and exhibits many advantages over loose carbon filled filters
- No loss of efficiency due to settling or by-pass

Filter Specification

Nominal Size	Initial Resistance @ 250 fpm (1.27 m/s)	Initial Resistance @ 500 fpm (2.54 m/s)	Carbon Weight /Filter
24" x 24" x 12" (610 mm x 610 mm x 305 mm)	.32" w.g. (80 Pa)	.45" w.g. (112 Pa)	30 lbs. (14 kg)
20" x 24" x 12" (508 mm x 610 mm x 305 mm)	.37" w.g. (92 Pa)	.51" w.g. (127 Pa)	22 lbs. (10 kg)
12" x 24" x 12" (305 mm x 610 mm x 305 mm)	.45" w.g. (112 Pa)	.55" w.g. (137 Pa)	12 lbs. (6 kg)

Tech Specs

Filter Type

Disposable bonded activated carbon multi-panel V-bank filter.

General Description

Filter is designed for total-retention gaseous contamination control.

Construction

Filter is constructed of multiple bonded carbon panels arranged in a "V" configuration enclosed in an all galvanized steel frame with a header. The individual panels have anti-microbial non-woven polyester "pre" and "post" filters. The panels and polyester are sealed to the frame to prevent bypass.

Performance

The activated carbon has a minimum activity of 60% CTC per the ASTM-D-3467 test method. The binder will not decrease the pore volume by more than 2% as measured by BET.

Classification

UL 900 classified filters available.