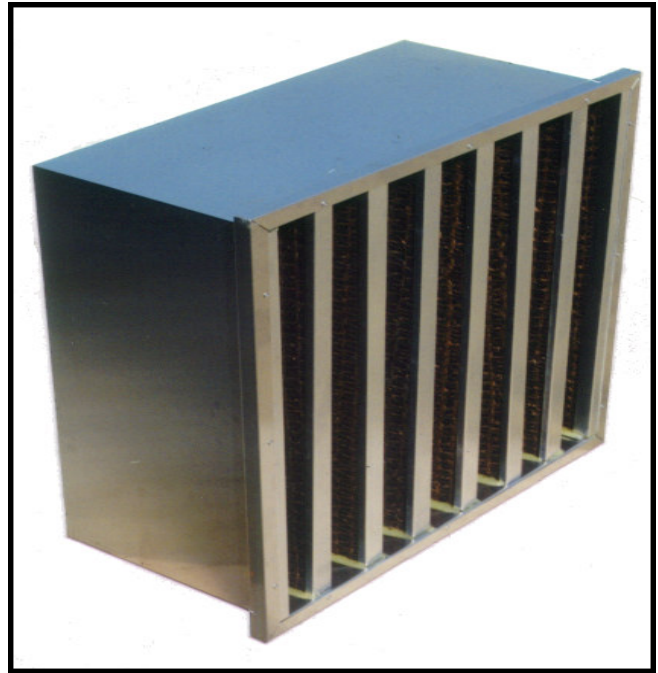


CAMERON GREAT LAKES, INC.

MOLECULAR FILTRATION SPECIALISTS

BIAS –SORB

HONEYCOMB DISPOSABLE V-BANK CARBON ADSORBER



FEATURES

Completely disposable

**Total detention modular
Bias cut design**

**Suitable for initial/retrofit
applications in both front load and
side access arrangements**

**Optional impregnated carbons
and potassium permanganate
media available**

BENEFITS

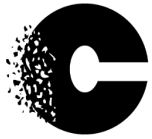
→Installation is clean and easy

**→Low pressure drop and high
efficiency**

**→Eliminates expensive retrofit
costs by using existing
equipment**

**→Control a wide variety of
contaminants with one filter**

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PERFORMANCE DATA

Model Number	Face Size, in	CFM	Pressure Drop IWG	Dwell Time sec	Media Weight* Lbs.	Total Cell Weight, lbs
BS242412	23.375 x 23.375	1500	0.23	0.098	Carbon : 21	30
		2000	0.43	0.074	ZK6 : 42	51
BS122412	11.375 x 23.375	750	0.27	0.084	Carbon: 9	15
		1000	0.5	0.063	ZK6: 18	24

NOTES

1. All Bias-Sorb filters are 11.25" in depth.
2. Filters are available as box style, single header, and double header**.
3. When filter banks incorporate two or more different adsorber sizes, calculate single number approximations of pressure drop and dwell times by multiplying values for each size by their relative filter bank area, and add the results.
4. Custom sizes available. Please call the factory for information.

SPECIFICATION GUIDE

CONSTRUCTION

- Adsorbers shall be constructed of multiple media filled panels, arranged in a V-Bank configuration and sealed in a polished aluminum frame.
- Individual panels shall be 0.625 inches thick and made of corrugated kraft honeycomb bias cut for low air resistance and longer dwell times
- Standard media is 8 x 12 mesh.
- Panels shall be sealed to the frame with a fire retardant adhesive.
- Bias-Sorb filters shall be individually sealed in a plastic bag, and placed in individual cartons at the factory.

PERFORMANCE

- Standard carbon shall have a minimum 60% CTC activity per ASTM d-3467 test method.
- Standard ZK-6 shall have a minimum 6% potassium permanganate.
- A 24 x 24 x 12 inch Bias-Sorb shall contain no less than 21 pounds of carbon and no less than 42 pounds of ZK-6.
- The air resistance on a 24 x 24 x 12 nominal shall be no more than 0.43 in of WG when operating at 2000 CFM.
- Absorbers shall be designed for total detention gaseous contamination control and shall be UL900 Class II listed.

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