

**Disposable V-cells with honeycomb “Style VH”** is a new generation carbon filter that meets the demand of odor removal in applications where the concentrations of odor are high. Carbon filters available these days are heavy and hence require more effort in handling. Carb VH is designed in a low weight construction and the weight of carbon dominates in its total weight. A variety of carbon or carbon blend selections are offered depending on the application.

Available in depth of 12”, 16” and 17” depth



### **Media Features and Technical Details**

Activated Carbon Filter media used in these filters are basically activated carbon or alumina. They are arranged in a honeycomb of specific thickness and forms V cells for lower resistance in a rigid plastic casing. Frames are available in 12, 16 or 17” depth. Standard filter sizes are available 24 x 24, 12 x 24 and 20 x 24. These filters are not re-usable and should be disposed of after use as per local requirements.

Selection of filter media is based on the application. Customers should specify the VOC to be treated and filters can be then selected based on its residence time. Residence time is the term given to the time that a gas stream contacts a carbon bed.

#### **Selection Chart : Carb VHC/VHA ▼**

Filter Sizes (Inches)	Filter Size (mm)	Rated Airflow (CMH)	Initial Resistance (Pa)	Residence Time (Sec)	Carbon Weight (Kg)
24 x 24 x 12	Size: 592 x 592 x 292	1700	50	0.06	12
24 x 20 x 12	Size: 592 x 490 x 292	1200	50	0.06	10
24 x 12 x 12	Size: 592 x 292 x 292	850	50	0.06	6
24 x 24 x 16	Size: 592 x 592 x 400	1700	35	0.08	16
24 x 20 x 16	Size: 592 x 490 x 400	1200	35	0.08	14
24 x 12 x 16	Size: 592 x 292 x 400	850	35	0.08	8
24 x 24 x 17	Size: 592 x 592 x 430	1700	30	0.10	18
24 x 20 x 17	Size: 592 x 490 x 430	1200	30	0.10	16
24 x 12 x 17	Size: 592 x 292 x 430	850	30	0.10	9

Residence time will be half of given above when operated at double airflow.

● Humidity : 95%    ● Temperature : 60 ° C    ● Please contact factory for special toxic or VOC gases