



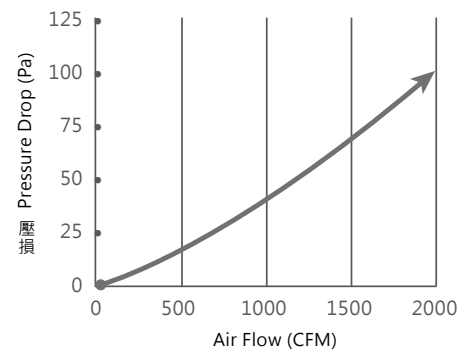
V Bank Gas Phase Filter

Specifications

Frame : Galvanized Iron, Plastic
 Media : Carbon loaded non-woven
 Max. Temperature : $\leq 40^{\circ}\text{C}$
 Max. Humidity : $\leq 70\% \text{ RH}$
 Thickness : $22 \text{ mm} \pm 5\%$
 Air permeability : $> 100 \text{ cc/cm}^2/\text{sec. (ASTM D737)}$
 Basis Weight : $1400 \text{ g/m}^2 \pm 10\%$
 Carbon Loading : Avg. $800\text{g/m}^2 \pm 10\%$

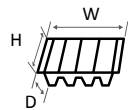
Advantages

- ✓ High contamination removal efficiency
- ✓ Odors control for demanding IAQ applications
- ✓ Available in a variety of styles to fit your HVAC retrofit needs
- ✓ Low pressure drop
- ✓ High carbon Loading
- ✓ High air permeability
- ✓ Excellent polishing filters where high contaminant concentrations are involved.
- ✓ Media options for improved removal of specific gases, such as acids, bases & VOCs



Applications

High Efficiency GAS PHASE filters are well suited for demanding HVAC applications in office buildings, hospitals, airports and other installations where indoor air quality problems can be found. The filters are offered in a variety of standard size which will easily fit into most existing HVAC units and new construction.



Special Size Customized

| Nominal Size WxHxD (in.) | Actual Size WxHxD (mm) | Contamination Removal | Weight (kgs) | Airflow (m3/h) | Initial Resistance (Pa) |
|--------------------------|------------------------|--|--------------|----------------|-------------------------|
| 24x24x12 | 595x595x292x4V | VOCs (CH ₃ OH, Ethanol, Thiol) | 9 | 3400 | 90 |
| 12x24x12 | 287x595x292x4V | | 6 | 1700 | 90 |
| 24x24x12 | 595x595x292x4V | Acids (H ₂ S, SO ₂ , NO _x) | 10 | 3400 | 90 |
| 12x24x12 | 287x595x292x4V | | 7 | 1700 | 90 |
| 24x24x12 | 595x595x292x4V | Bases (Ammonia & Amides) | 10 | 3400 | 90 |
| 12x24x12 | 287x595x292x4V | | 7 | 1700 | 90 |

◎ Maximum operating temperature: under 40°C
 ◎ Cell sides: High Impact Polystyrene

◎ Maximum relative humidity: 70% ↓
 ◎ Disposal: Incineration