

Tri-Sorb V M15

High Efficiency Molecular Filtration

FEATURES

- Easy retrofit
- Low static pressure
- Molecular filtration
- MERV 15 particulate filtration
- All plastic, single header frame
- High removal efficiency
- Long service life
- 11.5 lbs of carbon in a 24 x 24 x 12" filter



TRI-SORB V M15

Tri-Sorb V M15 offers effective defense against both solid and gaseous pollutants. This is possible thanks to a new hybrid media that delivers high efficiency removal of both particulate and gaseous contaminants. Tri-Sorb V M15 performs this dual function at a very low pressure drop – only 0.42" WG (104 Pa) at 2000 CFM for a 24 x 24 x 12" filter.

CONSTRUCTION

An all-plastic frame and securely-sealed media makes the Tri-Sorb V M15 a solidly-built filter, robust enough to handle today's demanding applications. The design features no metal components, so Tri-Sorb V M15 can be incinerated at the end of its service life – reducing landfill waste.

MOLECULAR FILTRATION

Tri-Sorb V M15 packs 11.5 lbs of carbon into a nominal 24 x 24 x 12" sized filter. Unlike most carbon filters, Tri-Sorb V M15 utilizes a smaller mesh size, which exposes more of the carbon's surface area to the air flow. This larger open surface area translates into a higher removal efficiency of airborne molecular contaminants.

PARTICULATE REMOVAL

In addition to high removal efficiencies of gaseous contaminants, the Tri-Sorb V M15 offers MERV 15 removal of airborne particulate. This equates to effective removal of particles across the size spectrum:

- 99% of particles sized 3.0 – 10.0 microns (E3)
- 97% of particles sized 1.0 – 3.0 microns (E2)
- 86% of particles sized 0.3 – 1.0 micron (E1)

NO RETROFIT

Tri-Sorb V M15's low pressure drop and regulation format makes retrofitting into existing HVAC systems easy.

That means you can introduce an effective barrier to both molecular and particulate contaminants without major work or compromising the energy efficiency of the system – enabling you to solve problems of reoccurring odors around loading docks, landing pads and other challenging applications.

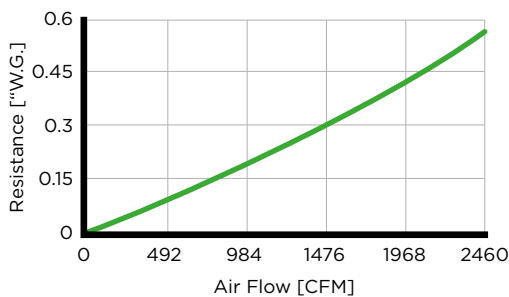
Tri-Sorb V M15

Technical specifications

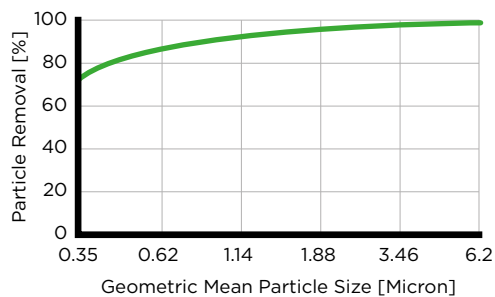
SPECIFICATIONS & PERFORMANCE

Product	TRI-SORB V M15
Media	Hybrid - carbon and particulate
Frame	All plastic
Carbon Content	11.5 lbs for a 24 x 24 x 12" (nominal) 5.22 kg for a 610 x 610 x 305 mm (nominal)
Efficiency	MERV 15
Initial Resistance @ 500 FPM (2.54 m/sec)	0.42 "W.G. (104 Pa)
Final Resistance	1.50 "W.G. (373 Pa)

RESISTANCE VS AIR FLOW



PARTICLE SIZE EFFICIENCY



Tri-Dim Filter Corporation is committed to continual product development - all descriptions, specifications and performance data are subject to change without notice. Tri-Dim products are manufactured to exacting criteria - there can be a $\pm 5\%$ variance in filter performance.

LOCAL REPRESENTATIVE