

# Tri-Sorb M13

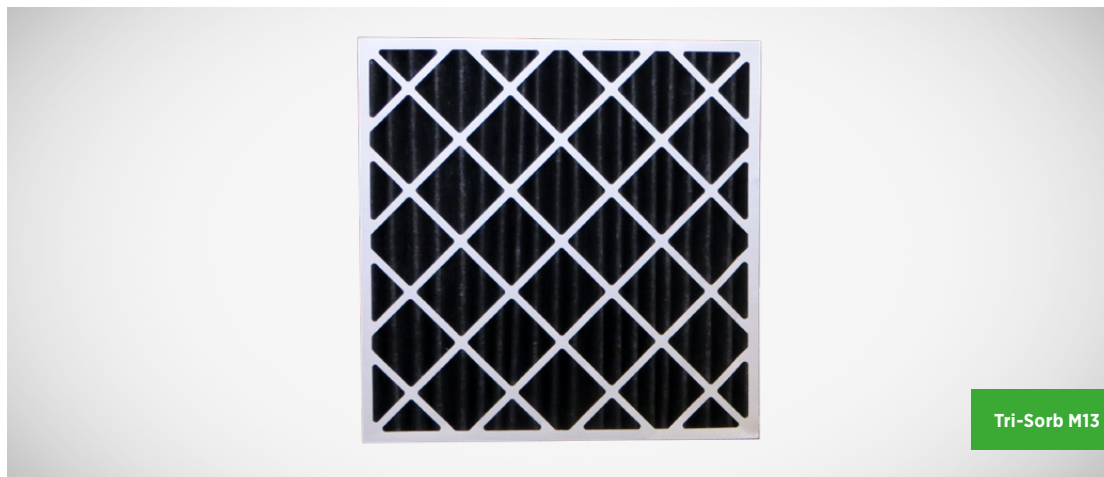
## Carbon Pleated Filter

### FEATURES

- Particulate and molecular filtration
- Laminated media
- MERV 13 per ASHRAE 52.2
- 200 gsm of high activity carbon
- 20 x 50 mesh carbon
- 28-point die-cut frame
- Easy retrofit
- Low resistance

### APPLICATIONS

- Commercial
- Healthcare
- Industrial plants
- Laboratories
- Institutional
- Governmental
- Microelectronic
- IAQ problems



### PARTICULATE AND MOLECULAR FILTRATION HYBRID

Tri-Sorb M13 is a pleated hybrid filter offering both particulate and molecular filtration. With particle filtration, Tri-Sorb M13 provides MERV 13 performance per ASHRAE 52.2. This level of filtration efficiency is recommended by various agencies and organizations as one strategy to reduce the spread of airborne illnesses.

In addition to this high particle removal efficiency, Tri-Sorb M13 packs 200 gsm of carbon into its robust frame. This carbon is a fine 20 x 50 mesh that delivers high removal performance on many common odors such as loading dock odors, smoking, heliports, cooking and bathroom odors.

This hybrid performance makes Tri-Sorb M13 the ideal solution to retrofit molecular filtration into an existing system, while also achieving the new recommended MERV 13 particulate efficiency.

Tri-Sorb M13 offers all this performance with a low operating resistance of 0.53 "W.G. @ 500 FPM.

Tri-Sorb M13 is available in 1", 2" and 4"-depths, all manufactured with a rigid, moisture resistant beverage board die-cut frame. The media pack is bonded to the frame by a moisture-resistant adhesive for a continuous seal.

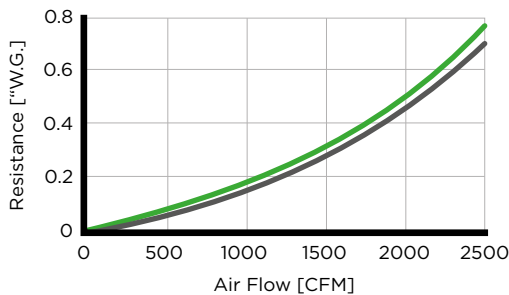
# Tri-Sorb M13 Pleated Technical Specifications

## SPECIFICATIONS & PERFORMANCE

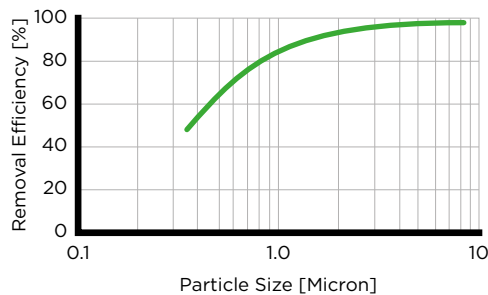
<b>Product</b>	<b>Tri-Sorb M13</b>
<b>Media</b>	Hybrid
<b>Max. operating temperature</b>	140 °F
<b>Efficiency</b> (ASHRAE 52.2)	MERV 13
<b>Final resistance</b> (@ 500 FPM)	1.2 "W.G.

Nominal Size	High Activity Carbon/PP	Case Weight	Initial Resistance (@ 500 FPM)
24 x 24 x 2	200 gsm	12.7 lbs	0.53 "W.G.
24 x 24 x 4	200 gsm	10.3 lbs	0.47 "W.G.

### 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