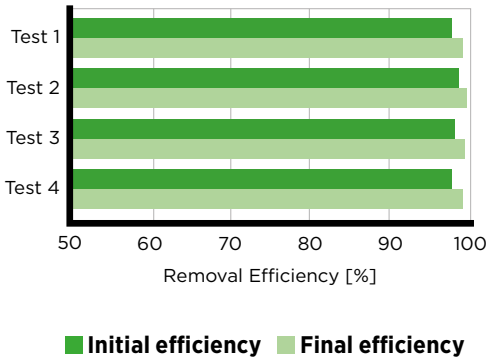
Micro-Pac™ 99 Synthetic Bag Filters

FEATURES

- MERV 16 efficiency per ASHRAE 52.2
- 98.87% bioaerosol removal efficiency
- 98% day-one efficiency on 0.3 – 0.4 micron particles per ASHRAE 52.2
- 99.7% dust spot efficiency
- Quality construction
- Extruded aluminum header as standard. Galvaneal steel also available
- Wire support filters available
- Trusted, sealed span-stitch pocket construction
- Gasketing available
- Twenty standard sizes—special sizes also available

REMOVAL EFFICIENCY

@ 0.3 – 0.4 µm Particle Sizes



HIGH EFFICIENCY SYNTHETIC BAG FILTERS

'Ultra efficient' are simply the best words to describe Tri-Dim's Micro-Pac 99 bag filter.

Various independent laboratories have tested the Micro-Pac 99 filter and all recorded outstanding results. The ASHRAE 52.2 test results results rated Micro-Pac 99 at a MERV 16. This test showed 'Day 1' efficiency at 98% on 0.3 – 0.4 micron particles—nearing HEPA-level performance.

The Micro-Pac 99 was also tested for Initial Bioaerosol Removal Efficiency per MIL Specification MIL-AA-54372A. During this test, the filter media is challenged by the bioaerosol micrococcus luteus and Micro-Pac 99 was documented to remove 98.87%. This number is significant because it represents efficiency on an actual bioaerosol—not just a replica particle of similar size.

Along with high efficiency, the Micro-Pac 99 also features a high-quality construction, including an extruded aluminum header that will not rust, and trusted span-stitch pockets that are sealed with a thermoplastic adhesive strip to prevent air bypass.

The span stitch allows the pocket to properly inflate, and prevents bulging or collapsing during use. This allows maximum media utilization, which reduces energy usage and extends the life of the filter.

These features, along with the high efficiency and quality construction, make Micro-Pac 99 the perfect choice for your demanding applications.

TRIDIM
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Micro-Pac™ 99 Technical Specification

SPECIFICATIONS

Product	Micro-Pac™ 99
Efficiency	
ASHRAE 52.2	MERV 16
ASHRAE 52.1 average dust spot	99.7%
Bioaerosol removal efficiency	98.87%
Temperature limit (maximum)	150 – 175 °F *(65 – 79 °C)*
Final resistance	1.50 "W.G. *(373 Pa)*

Meets ANSI/UL-900 requirements

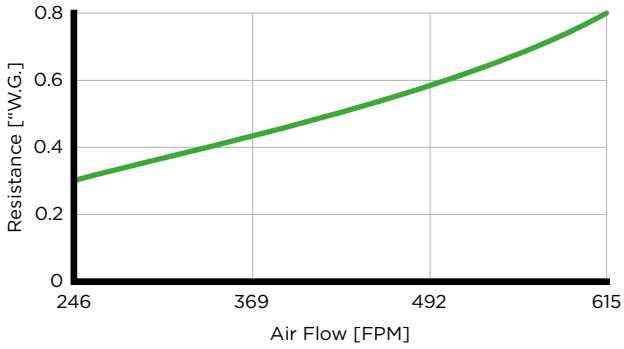
SQUARE FEET OF MEDIA

Dimensions	No. Pockets	Media Area
24 x 24 x 26" *610 x 610 x 660 mm*	8	69 sq. ft. *6.4 m²*
12 x 24 x 26" *305 x 610 x 660 mm*	4	35 sq. ft. *3.3 m²*
24 x 24 x 30" *610 x 610 x 762 mm*	8	80 sq. ft. *7.4 m²*
12 x 24 x 30" *305 x 610 x 762 mm*	4	40 sq. ft. *3.7 m²*
24 x 24 x 36" *610 x 610 x 914 mm*	8	96 sq. ft. *8.9 m²*
12 x 24 x 36" *305 x 610 x 914 mm*	4	48 sq. ft. *4.5 m²*

Please note that other sizes, depths and pocket combinations are available. Filter depth is measured from the front of the header to the end of the pocket, excluding hoops. Depth dimensions have a ± ½" tolerance.

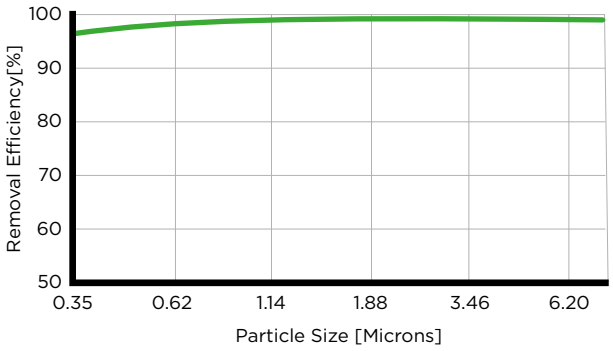
INITIAL RESISTANCE

24 x 24 x 30" 8 Pocket



INITIAL EFFICIENCY

vs. Particle Size



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 ±5% variance in filter performance.

LOCAL REPRESENTATIVE

MANN+HUMMEL

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