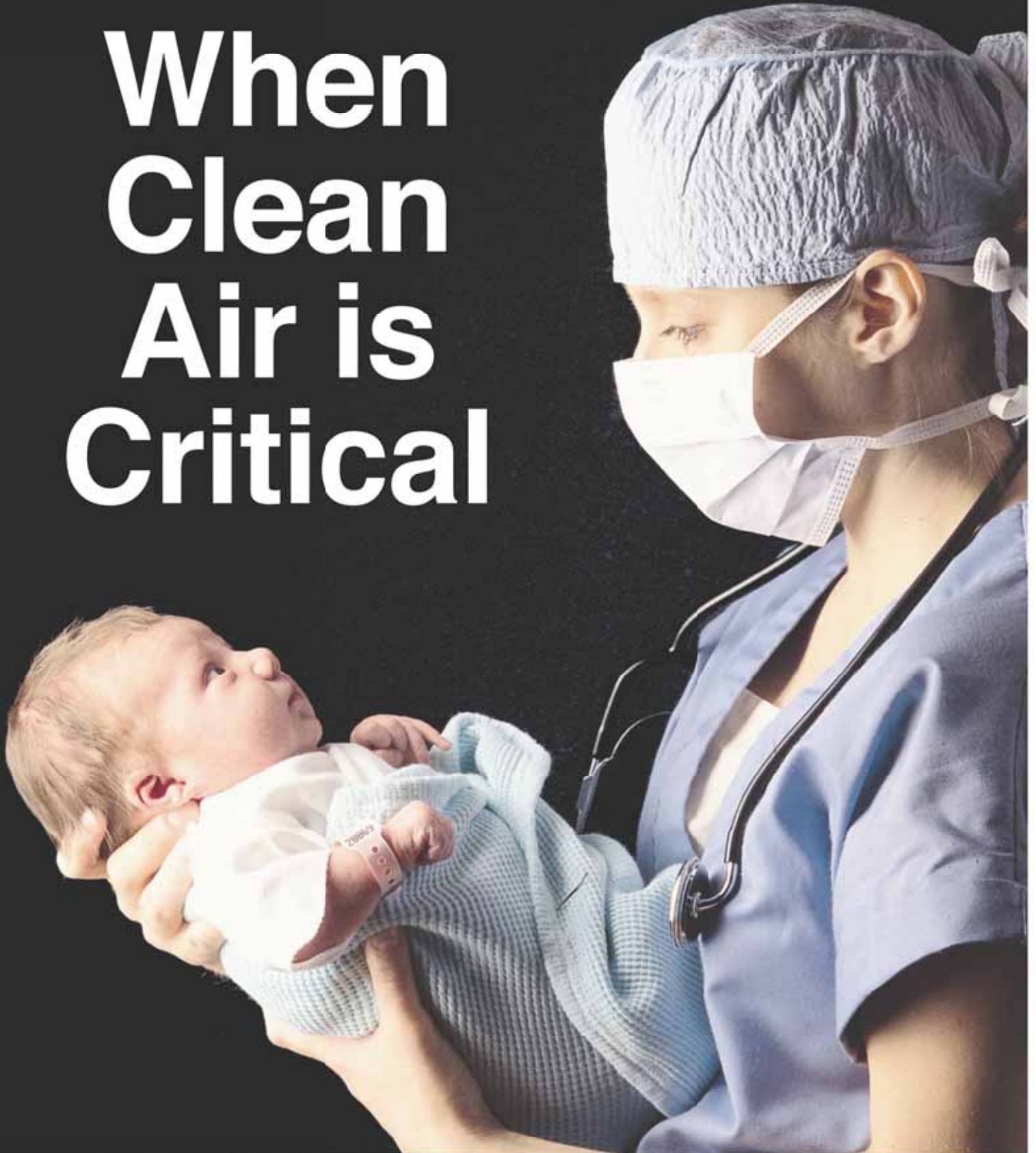


**When
Clean
Air is
Critical**



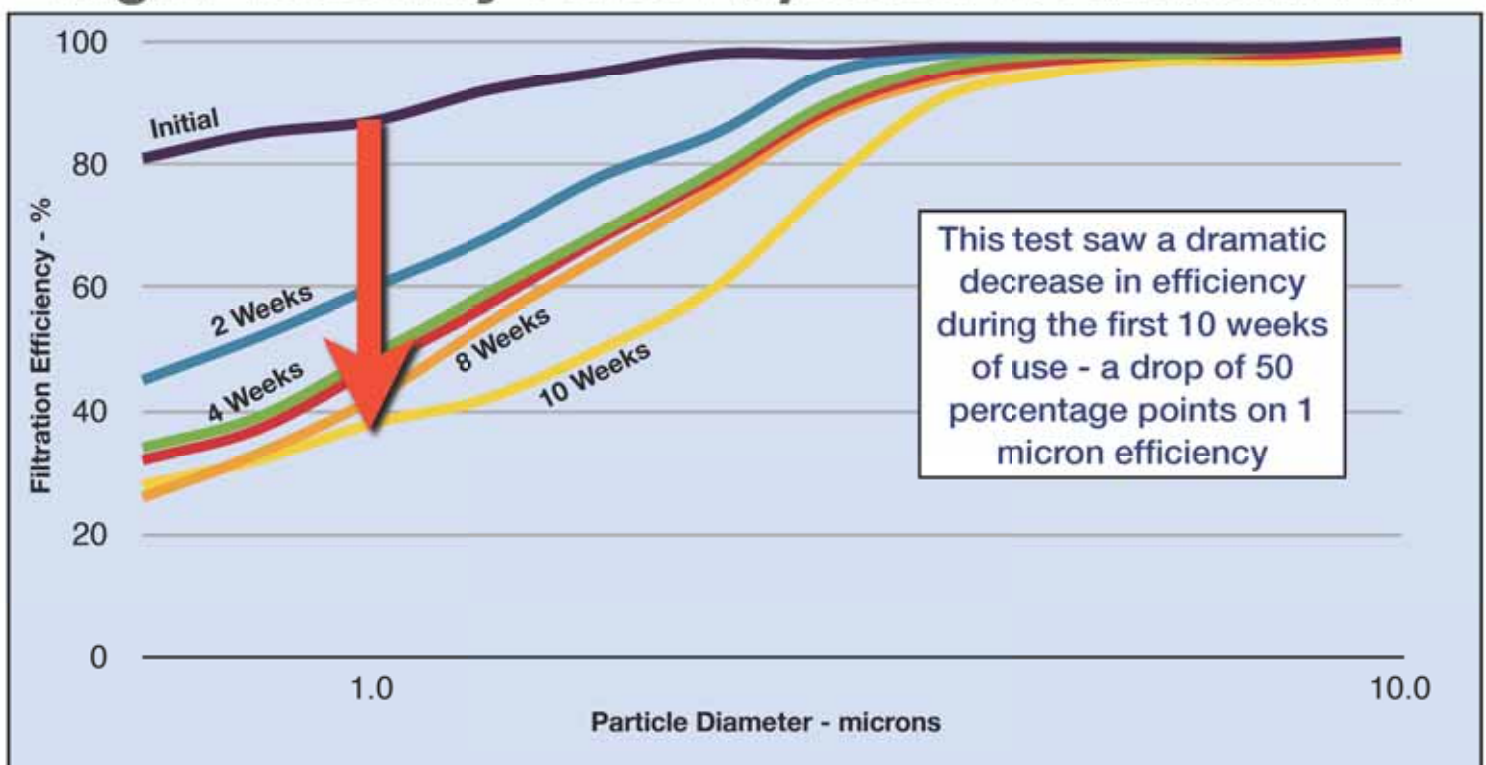
PROBLEM



Current extended surface pocket style filtration medias are not functionally acceptable in areas where clean air is a critical concern.

Many synthetic medias lose the ability to eliminate target particulate after relatively brief exposure to ambient air. Numerous studies have documented this efficiency loss (see graph below) and ASHRAE has added Appendix J to their Test Standard 52.2 to address this phenomenon.

High Efficiency Filter Exposed to Ambient Air



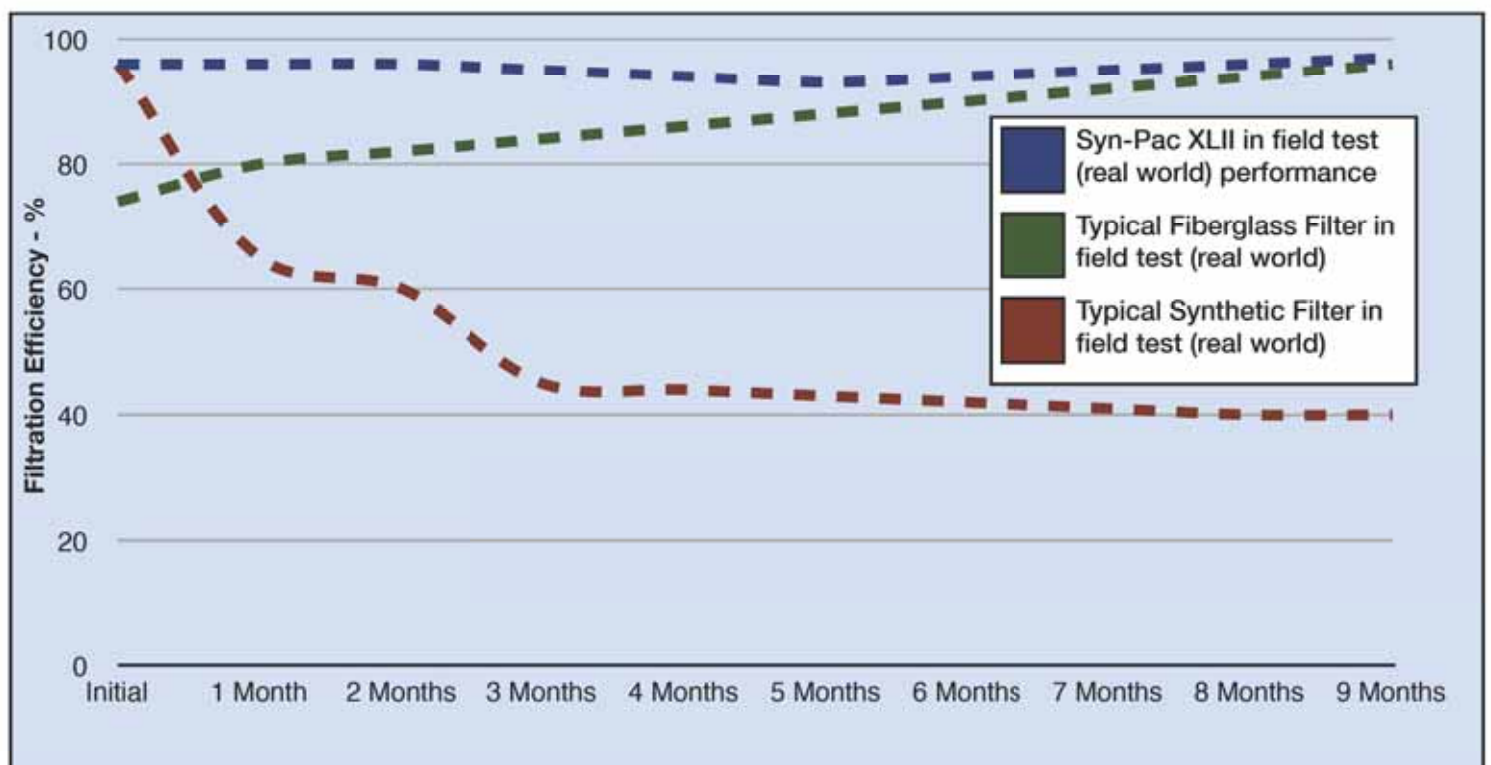
SOLUTION

The SYN-PAC XLII has been engineered and is manufactured to capture and retain target particulate.



Tri-Dim Filter Corporation's sensitivity to customer concerns and actual in-use air quality analysis led to the development of the SYN-PAC XLII product line. At Tri-Dim we are dedicated to providing clean air products that will perform in the laboratory and in real world applications.

Real World Test of Various Filters



SPECIFICATIONS

MEDIA

Hybrid

HEADER

13/16" GALVANEAL
Optional Extruded Aluminum

EFFICIENCY

90-95% = MERV 16

80-85% = MERV 15

60-65% = MERV 12

INITIAL BIOAEROSOL REMOVAL EFFICIENCY

MERV 16 Media Tested
98.19% on *Micrococcus luteus*

TEMPERATURE LIMIT

Maximum 150-175° F (65-79° C)

FINAL RESISTANCE

1.50"W.G. (373 PA)

SQUARE FEET OF MEDIA

24x24x22 8 Pocket 610x610x559	58 sq. ft. 5.4 m ²
12x24x22 4 Pocket 305x610x559	29 sq. ft. 2.7 m ²
24x24x26 8 Pocket 610x610x660	69 sq. ft. 6.4 m ²
12x24x26 4 Pocket 305x610x660	35 sq. ft. 3.3 m ²
24x24x30 8 Pocket 610x610x762	80 sq. ft. 7.4 m ²
12x24x30 4 Pocket 305x610x762	40 sq. ft. 3.7 m ²
24x24x36 8 Pocket 610x610x914	96 sq. ft. 8.9 m ²
12x24x36 4 Pocket 305x610x914	48 sq. ft. 4.5 m ²

Please note that other sizes, depths and pocket combinations are available.

OPTIONS

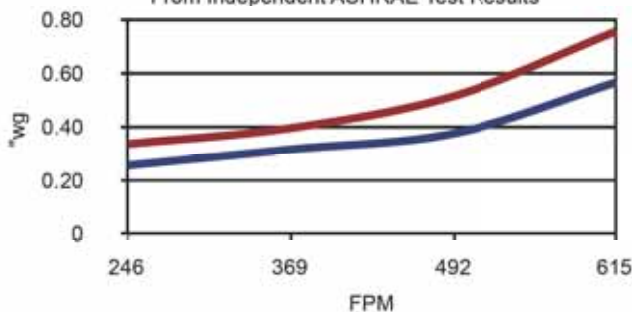
GPA Adaptor – Syn-Pac XLII Bag Filters come with the option of a GPA Header to allow for easy, time saving installation into Glide/Pack® housings.

Gasketing – Charcoal Ether Foam Gasketing is available on vertical sides, horizontal sides, upstream face or downstream face of header.

RESISTANCE TO AIRFLOW MERV 12 AND MERV 15

24x24x30 8-Pocket

From Independent ASHRAE Test Results

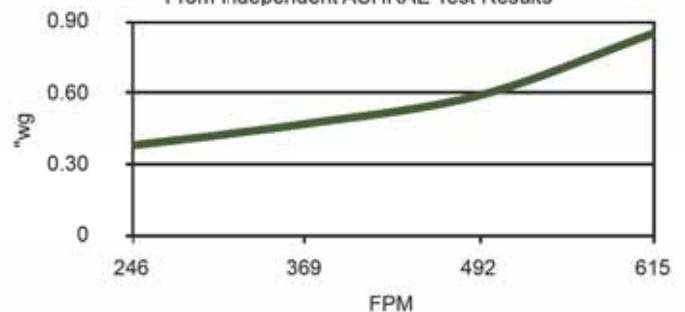


— MERV 12 — MERV 15

RESISTANCE TO AIRFLOW MERV 16

24x24x30 8-Pocket

From Independent ASHRAE Test Results



— MERV 16

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. Tri-Dim® and Tri-Dek® are Registered Trademarks of Tri-Dim Filter Corporation.



TRI-DIM
FILTER CORPORATION

TRI-DIM FILTER CORPORATION
P.O. BOX 466 • 93 INDUSTRIAL DRIVE
LOUISA, VA 23093
(540) 967-2600 • FAX: (540) 967-2835

EMAIL: info@tridim.com • Website: www.tridim.com
TOLL FREE 1-800-458-9835



PLEASE RECYCLE - This paper may not be recyclable in your area if facilities do not exist. This brochure is printed on paper that is certified by the Sustainable Forestry Initiative (SFI) - for more information go to www.sfi.org.

Brochure # 1100-5
Revision: 08/2011

