



# **TRI-PURE MP & MPX HEPA**

**HEPA & HEPAMAX High Efficiency Filters**

**Mini-Pleat  
Style  
HEPA  
Filters**



**When Clean Air is Critical**



# TRI-PURE MP

# TRI-PURE MPX

## Mini-Pleat Style HEPA

## High Efficiency Air Filters

### FEATURES:

- Available in Standard and High Flow Models
- 130mm (MP) and 220mm (MPX) Deep Media Packs
- Variety of Frame Materials – Both MDF Particleboard and Galvanneal
- Microfiber Media Packs
- Mini-Pleat Technology
- Efficiencies available from 99.97% @ 0.3  $\mu$ m to Scan Tested 99.99% @ 0.3  $\mu$ m
- Recessed Media Pack
- Quality-Controlled Manufacturing

Tri-Dim Filter Corporation's Tri-Pure™ MP and MPX filters utilize state-of-the-art technology to offer a high efficiency, low resistance, and cost-effective replacement to traditional separator-style HEPA filters.

TRI-PURE™ MP and MPX standard depth is 11½" (292 mm) deep to offer easy replacement for separator style filters. Tri-Dim utilizes the latest in mini-pleat technology to produce a 130mm (approximately 5-inch) deep media pack for the TRI-PURE™ MP. This mini-pleat pack, even though only 5 inches deep, offers a low initial resistance of only 0.95" W.G. (236 PA) at 250 FPM (1.3 m/sec). The TRI-PURE™ MPX media pack is 220mm (approximately 8.7 inch) deep and offers a low initial resistance of 1.4" W.G. (348 PA) at 500 FPM (2.5 m/sec).

This is lower or comparable to a traditional separator style filter. The pleats are separated and secured by an adhesive bead separator. The TRI-PURE™ MP and MPX separator system is precisely applied to promote uniform airflow and to eliminate the fiber break-off related with different pleating methods. The TRI-PURE™ MP and MPX media pack is manufactured on a computer-controlled pleater for consistent and repeatable media packs.







The TRI-PURE™ MP and MPX HEPA filters are available in a variety of frame materials. Standard offerings are the galvanized and MDF particleboard frame. The specially designed MDF frame offers both economy and ease of disposal.

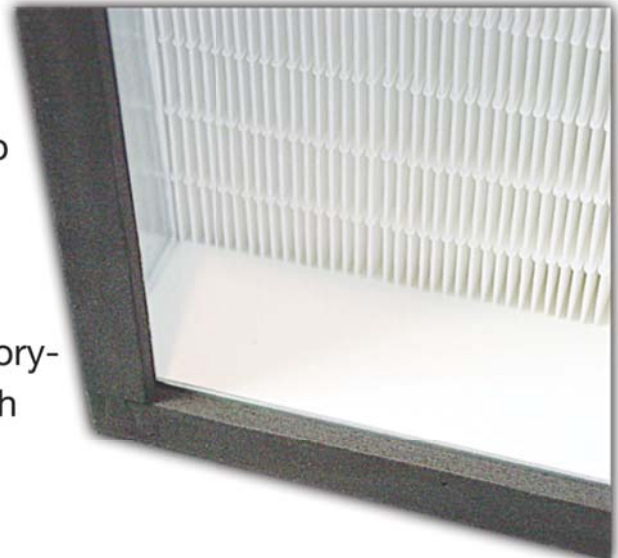
TRI-PURE™ MP and MPX HEPA filters are rated at a minimum efficiency of 99.97% on a 0.3-micron size particle at a rated airflow of 250 FPM (1.27 m/sec) for the TRI-PURE MP and at a rated airflow of 500 FPM (2.54 m/sec) for the TRI-PURE MPX.

The TRI-PURE™ MP and MPX features a recessed media pack – this benefit offers valuable protection of the high efficiency media pack from rough handling, punctures, etc. This benefit is most valuable during installation to protect the filter from handling damage and the accidental finger through the media from technicians during the installation process. The TRI-PURE™ MP and MPX also has the advantage of no metal separators to damage the media pack.

The TRI-PURE™ MP and MPX HEPA filter is offered with a standard gasket that is 0.75" (19 mm) wide x 0.25" (6 mm) thick neoprene and is available on either the upstream, downstream or on both faces of the filter. Other gasket options are available.

Tri-Dim is proud of our quality-controlled TRI-PURE™ cleanroom production facility that houses state-of-the-art manufacturing equipment.

Tri-Dim is a full line filter manufacturer able to provide a full range of HVAC and Cleanroom filtration products and services to you and your company. Tri-Dim also provides local service through a network of dedicated, factory-trained sales professionals that can work with you on your filtration requirements.

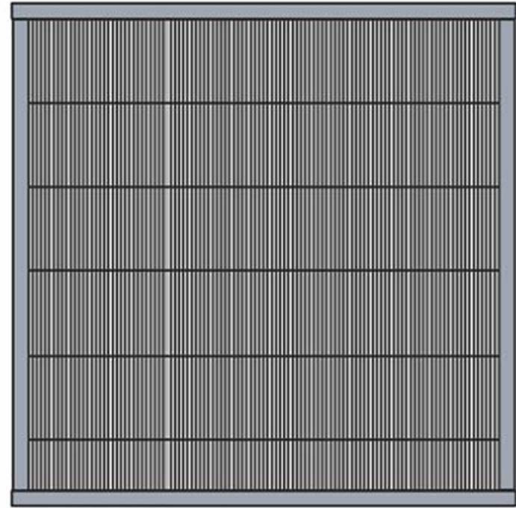


# PRODUCT SPECIFICATIONS

## TRI-PURE TYPICAL APPLICATIONS

- HEALTHCARE
- BIOTECH
- PHARMACEUTICAL
- FOOD PROCESSING
- SEMICONDUCTOR
- BIOMEDICAL
- UNIVERSITIES
- LABORATORIES
- INDUSTRIAL APPLICATIONS
- PHOTO PROCESSING
- MUSHROOM GROWERS

## TRI-PURE MP/MPX™ DRAWING



## TRI-PURE™ MPX HEPA HIGH CAPACITY

Recommended Airflow/Resistance:

500 FPM = 1.40" W.G.  
(2.5 m/sec = 350 PA)

Temperature Limit: 200°F (93°C)

Standard Frame Construction

Gasket Seal:

Galvanneal, MDF Particle Board

Sealant: Polyurethane

Media: Glass Microfiber

Separators: Glue Bead

## TRI-PURE™ MP HEPA STANDARD CAPACITY

Recommended Airflow/Resistance:

250 FPM = 0.95" W.G.  
(1.25 m/sec = 236 PA)

Temperature Limit: 200°F (93°C)

Standard Frame Construction

Gasket Seal:

Galvanneal, MDF Particle Board

Sealant: Polyurethane

Media: Glass Microfiber

Separators: Glue Bead

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.



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