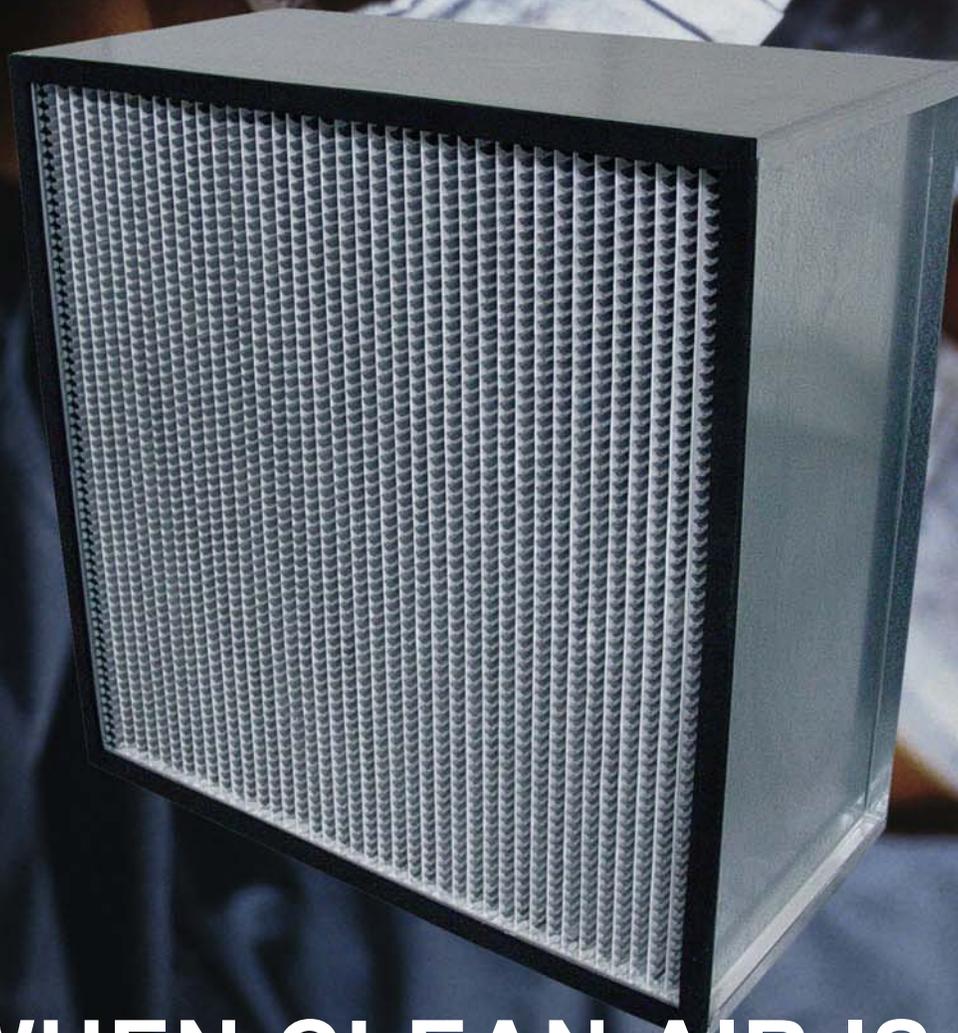




# **TRI-PURE™ HEPA & HEPAMAX™ FILTERS**

**GASKET SEAL  
SEPARATOR  
STYLE  
HEPA  
FILTERS**



**WHEN CLEAN AIR IS CRITICAL**

# TRI-PURE™ HEPA & HEPAMAX™

## GASKET SEAL SEPARATOR STYLE HEPA FILTERS



### FEATURES:

- ☑ Available in Standard and High Flow Models
- ☑ Variety of Frame Materials – Both Wood and Metal
- ☑ Microfiber Media Packs
- ☑ Rolled and Tapered Aluminum Separators
- ☑ Efficiencies available from 99.97% @ 0.3  $\mu\text{m}$  to 99.99% @ 0.3  $\mu\text{m}$
- ☑ Scan Testing Available
- ☑ Gasket Seal
- ☑ Faceguards optional on either of both faces
- ☑ Quality-Controlled Manufacturing Facility

Tri-Dim Filter Corporation's TRI-PURE™ HEPA & HEPAMAX™ filters offer a complete line of high efficiency filters for your critical applications and environments. Tri-Dim's quality-controlled manufacturing facility ensures that you receive the highest quality product.

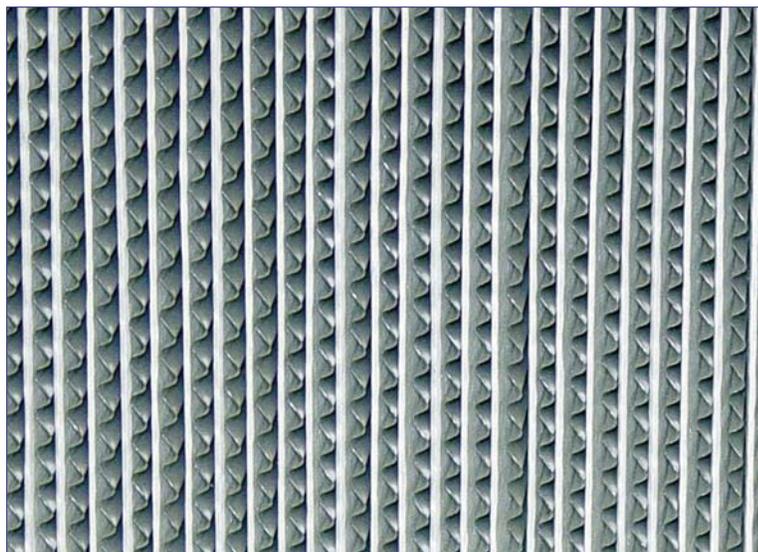
Both TRI-PURE™ HEPA and HEPAMAX™ are available in a variety of styles to meet your demanding application needs. TRI-PURE™ HEPA is our standard capacity HEPA rated at 250 FPM with an initial resistance 1.0" W.G. The TRI-PURE HEPAMAX™ is our high flow model with 80% more media than our standard version and is rated at 500 FPM with an initial resistance 1.4" W.G.

The TRI-PURE™ HEPA Gasket Seal product line is offered in a variety of frame materials; some of the options include particleboard, plywood, galvanized steel and stainless steel. TRI-PURE™ metal frames use the Z-Body style that allows for maximum strength and maximum media surface area.

TRI-PURE™ HEPA and HEPAMAX™ media packs are constructed utilizing moisture resistant, glass microfibers. The TRI-PURE™ media pack is supported by aluminum separators that are rolled and tapered and placed between each pleat to maximize performance, ensure maximum airflow at minimum resistance and to protect the media pack.

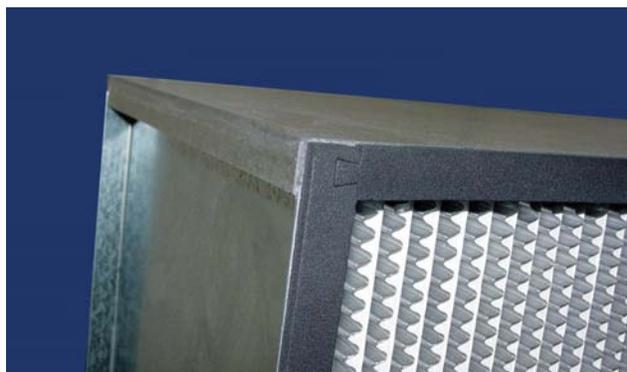
TRI-PURE™ HEPA and HEPAMAX™ filters have a minimum efficiency at rated airflow of 99.97% on 0.3 micron size particles.

Scan Tested TRI-PURE™ HEPA and HEPAMAX™ filters have a minimum efficiency of 99.99% on 0.3 micron size particles. These filters are scan tested to ensure there are no pinhole leaks greater than 0.01% in the media pack and the media to frame seal utilizing Tri-Dim's Inert Optical Scan Testing or Tri-Dim's Auto Scan (at factory discretion). Tri-Dim offers higher efficiency models - please contact us for details.



*Tri-Dim's TRI-PURE™ HEPA media pack*

TRI-PURE™ HEPA and HEPAMAX™ filters are available in either a gasket seal or gel seal configuration. The standard gasket is 0.75 inch wide x 0.25 inch thick neoprene and is available on either upstream, downstream or on both faces of the filter. Other gasket options are available. For TRI-PURE™ HEPA and HEPAMAX™ filters that are available in a Gel Seal configuration, consult the TRI-PURE™ HEPA and HEPAMAX™ Gel Seal literature (#1700-4) or contact your local sales professional.



*TRI-PURE™ Gasket Seal*

TRI-PURE™ HEPA and HEPAMAX™ filters are available with optional faceguards to protect the filter media from damage. Faceguards are available on either one or both faces of the filter and the standard faceguard construction is expanded aluminized steel. Other materials are available.

Tri-Dim is a full line filter manufacturer able to provide the 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 needs. Contact your local sales professional at 1-800-458-9835. for a free, no obligation filter and IAQ assessment.

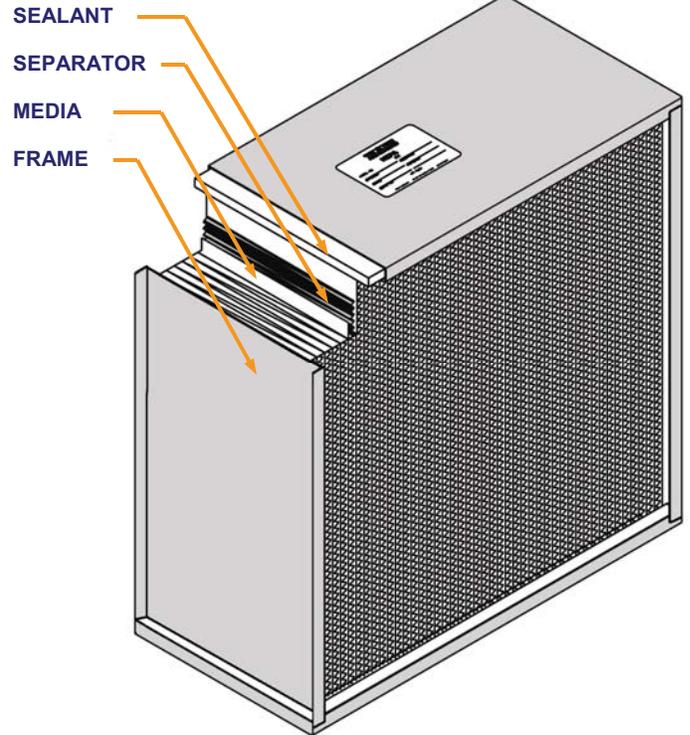


*Tri-Dim's HEPA Auto Scan Testing Apparatus*

## TRI-PURE™ HEPA TYPICAL APPLICATIONS

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

## TRI-PURE™ HEPA DRAWING



## TRI-PURE™ HEPA AND HEPAMAX™ TECHNICAL DATA

### TRI-PURE™ HEPA STANDARD CAPACITY MODEL

Recommended Airflow = 250 FPM (1.25 m/sec)

#### Resistance

12" Deep @ 250 FPM = 1.0" W.G. (250 Pascals)

6" Deep @ 125 FPM = 1.0" W.G. (250 Pascals)

Temperature Limit = 250°F (121°C)

Frame Construction = Galvanized, Stainless Steel, Particleboard, Fire Retardant Particleboard, Plywood and others.

Sealant = Polyurethane

Media = Glass Microfiber

Separators = Aluminum

UL 900 Class 1\*

\* Metal Frame Version

### TRI-PURE HEPAMAX™ HIGH FLOW MODEL

Recommended Airflow = 500 FPM (2.5 m/sec)

#### Resistance

12" Deep @ 500 FPM = 1.4" W.G. (350 Pascals)

6" Deep @ 250 FPM = 1.4" W.G. (350 Pascals)

Temperature Limit = 250°F (121°C)

Frame Construction = Galvanized, Stainless Steel, Particleboard, Fire Retardant Particleboard, Plywood and others.

Sealant = Polyurethane

Media = Glass Microfiber

Separators = Aluminum

UL 900 Class 1\*

\* Metal Frame Version

Tri-Dim Filter Corporation is committed to continual product development – all descriptions, specifications and performance data are subject to change without notice.

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