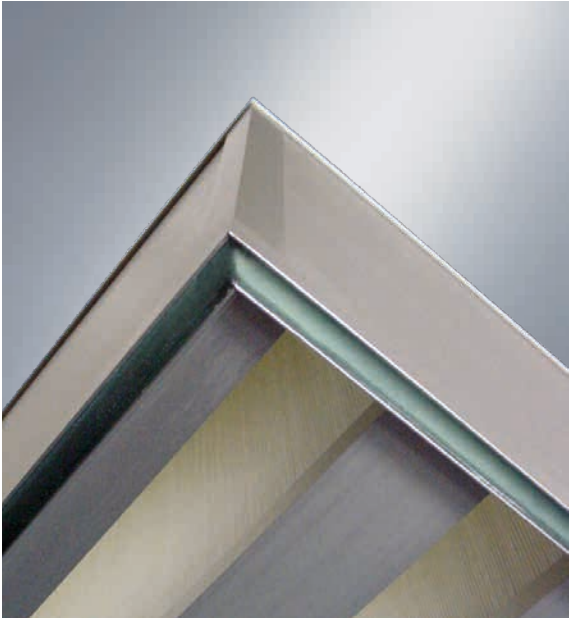




TRI-PURE™ 2000
High Flow
HEPA Filter

TRI-PURE™ 2000

High Flow HEPA Filter



TRI-PURE™ 2000 Gel Seal

FEATURES

- V-Bank Construction
- High Air Flow Rating: 500 FPM
- Low Pressure Drop
- Mini-Pleat Media Packs
- Extended Service Life
- Reduced Energy Consumption
- Efficiencies available from 99.97% @ 0.3 μm to 99.99% @ 0.3 μm
- Anodized Extruded Aluminum Frame
- Gasket or Gel Seal Available
- Quality-Controlled Manufacturing Facility

Tri-Dim Filter Corporation's TRI-PURE™ 2000 HIGH FLOW HEPA filters are designed for use in demanding applications where high airflow and high efficiency filtration are required. Applications include medical, pharmaceutical, microelectronics, biotech, food processing, as well as other disciplines. TRI-PURE™ 2000 HIGH FLOW HEPA utilizes V-Bank construction to maximize airflow, minimize resistance thereby offering an extended service life and reduced energy consumption. The TRI-PURE™ 2000 HIGH FLOW HEPA has approximately 400 square feet (37 m²) of media due to its V-Bank configuration.

The TRI-PURE™ 2000 HIGH FLOW HEPA filters features include a high airflow rate. A standard capacity separator style HEPA filter is rated at only 250 FPM (1.3 m/sec) or 1000 CFM (0.47 m³/sec) for a 24" x 24" x 11.5" filter where the Tri-Pure™ 2000 HIGH FLOW HEPA is rated at 500 FPM (2.5 m/sec) or 2000 CFM (0.94 m³/sec) – a 100% increase. This is helpful in applications where there are space limitations.

An additional feature of the TRI-PURE™ 2000 HIGH FLOW HEPA is its low resistance – only 1.0" W.G. (249 PA) at 500 FPM (2.5 m/sec). That is a 30% reduction from separator style high capacity HEPA filters. The combination of extended media area and low resistance allows the TRI-PURE™ 2000 HIGH FLOW HEPA to offer 3-4 times



Tri-Dim's Cleanroom Production Area

longer service life than standard separator style HEPA filters. In addition to extended service life, the Tri-Pure™ 2000 HIGH FLOW HEPA delivers a huge opportunity for energy savings. Some statistics show that over 80% of the cost associated with filtration is in energy consumption - The Tri-Pure™ 2000 HIGH FLOW HEPA will dramatically reduce the energy consumed due to extremely low pressure drop. The media pack is constructed of glass microfiber media mini-pleated into media packs. The pleats are separated and secured by an adhesive bead separator. The Tri-Pure™ separator system is precisely applied to promote uniform airflow and to eliminate media to media contact and to eliminate the fiber break-off related with different pleating methods. The TRI-PURE™ media pack is manufactured on a computer-controlled pleater for consistent and repeatable media packs.

TRI-PURE™ 2000 HIGH FLOW HEPA filters are constructed of anodized extruded aluminum frames. The media packs are sealed to the frame with a polyurethane sealant. Other features of the anodized aluminum frame include a protective finish that is corrosion resistant and it significantly reduces the weight of the filter when compared to other frame material options and also minimizes sharp edges of fabricated frames.

The TRI-PURE™ 2000 HIGH FLOW HEPA offers both gasket and gel seal models to meet any application requirements. The gel seal version is available with optional extractor clips for side access housing applications where required. Contact your local sales professional at 1-800-458-9835 for a free, no obligation filter and IAQ assessment.

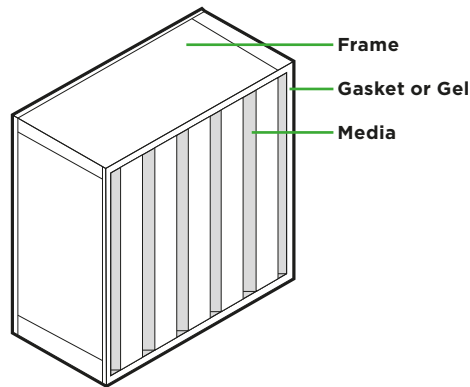
TRI-PURE™ 2000

Technical Data

TRI-PURE TYPICAL APPLICATIONS

- Healthcare
- Biotech
- Pharmaceutical
- Food Processing
- Semiconductor
- Biomedical
- Universities
- Laboratories
- Industrial Applications
- Photo Processing
- Mushroom Growers
- Research Facilities

TRI-PURE™ HEPA DRAWING



SQUARE FEET OF MEDIA

Exact Size in Inches (mm) HxWxD	Airflow CFM (m^3/h) at 1.0" W.G. (250 Pa)	Efficiency @ 0.3 microns
23.375 x 11.375 x 11.5 (594 x 289 x 292)	923 CFM (1568 m^3/h)	99.97%
24 x 12 x 11.5 (610 x 305 x 292)	1000 CFM (1699 m^3/h)	99.97%
23.375 x 23.375 x 11.5 (594 x 594x 292)	1900 CFM (3228 m^3/h)	99.97%
24 x 24 x 11.5 (610 x 610 x 292)	2000 CFM (3400 m^3/h)	99.97%
23.375 x 11.375 x 11.5 (594 x 289 x 292)	923 CFM (1568 m^3/h)	99.99%
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24 x 24 x 11.5 (610 x 610 x 292)	2000 CFM (3400 m^3/h)	99.99%

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