



TRI-CUBE™ MERV 11

4-Ply Extended Surface
HVAC Air Filter

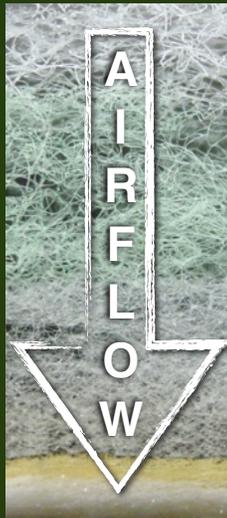
TRI-CUBE MERV 11

TRI-CUBE MERV 11 utilizes a unique combination of TRI-DEK® medias to provide a depth loading media that allows the filter to manage the dirt. Most filters are constructed of media that surface loads reducing their service life and causing dramatic increases in the life cycle cost.

The extended surface area of the cube filter along with its unique 'trapezoidal' shape allows for maximum performance - minimal pressure drop and extended service life which are the results of this

combination of medias, extended surface area and unique shape.

Tri-Cube MERV 11 also contains post-consumer recycled content of 21% fiber weight - making the Tri-Cube MERV 11 filter an excellent choice for Green Initiatives.



Cross Section of Tri-Dek's Progressive Density Media



TRI-CUBE MERV 11 FEATURES

- High Efficiency MERV 11 = Cleaner Air to Breathe
- Depth Loading Media over 500 grams DHC = Longer Service Life
- Extended Surface Area = Energy Savings
- Trapezoid Shape = Lower Pressure Drop
- Post-Consumer Recycled Content = Green Initiatives
- No Cardboard = Moisture Resistant
- Mold Resistant = Reduced Microbials
- Self Sealing = Reduced Bypass of Unfiltered Air
- Improved System Efficiency = Cleaner HVAC Components

The TRI-CUBE MERV 11 filter is resistant to moisture and mold - unlike traditional cardboard framed filters.



Moisture Damage and Microbial Growth

The lack of moisture and microbial growth combined with the elimination of the bypass of unfiltered air can make a significant improvement in the systems efficiency,

the overall quality of the air and air conveyance system.

The TRI-CUBE MERV 11 filter offers an initial removal efficiency of over 85% on particles

from 3 to 10 microns in size and an efficiency greater than

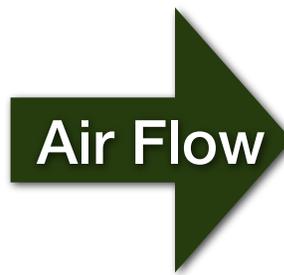


Dirt Accumulation on Coils

65% on particles from 1 to 3 microns in size.

These are target particle sizes to reduce the risk on airborne infectious diseases, bio-terrorism and to reduce dirt accumulation in the air conveyance system.

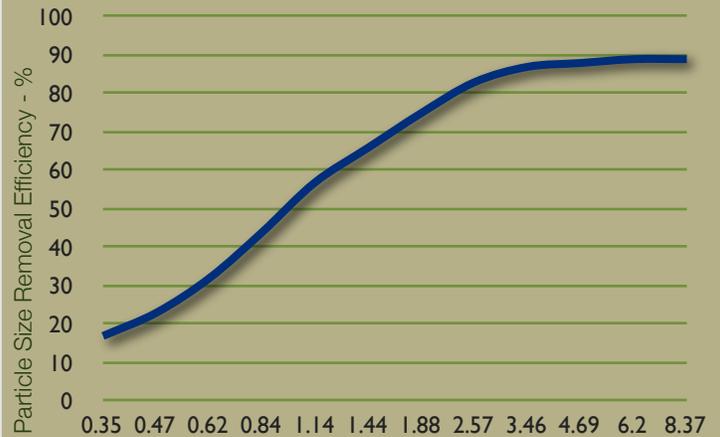
Contact your local sales representative for a free and no obligation survey and assessment of your filtration needs.



SPECIFICATIONS

Media	Synthetic, 4 deniers
Final Resistance	1.0" WG (249 PA)
Resistance @ 500 FPM (2.54 m/sec)	
10" Deep (254 mm)	0.52" WG (129 PA)
15" Deep (381 mm)	0.42" WG (104 PA)
20" Deep (508 mm)	0.37" WG (92 PA)

Particle Size Efficiency



Geometric Mean Particle Size - microns

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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