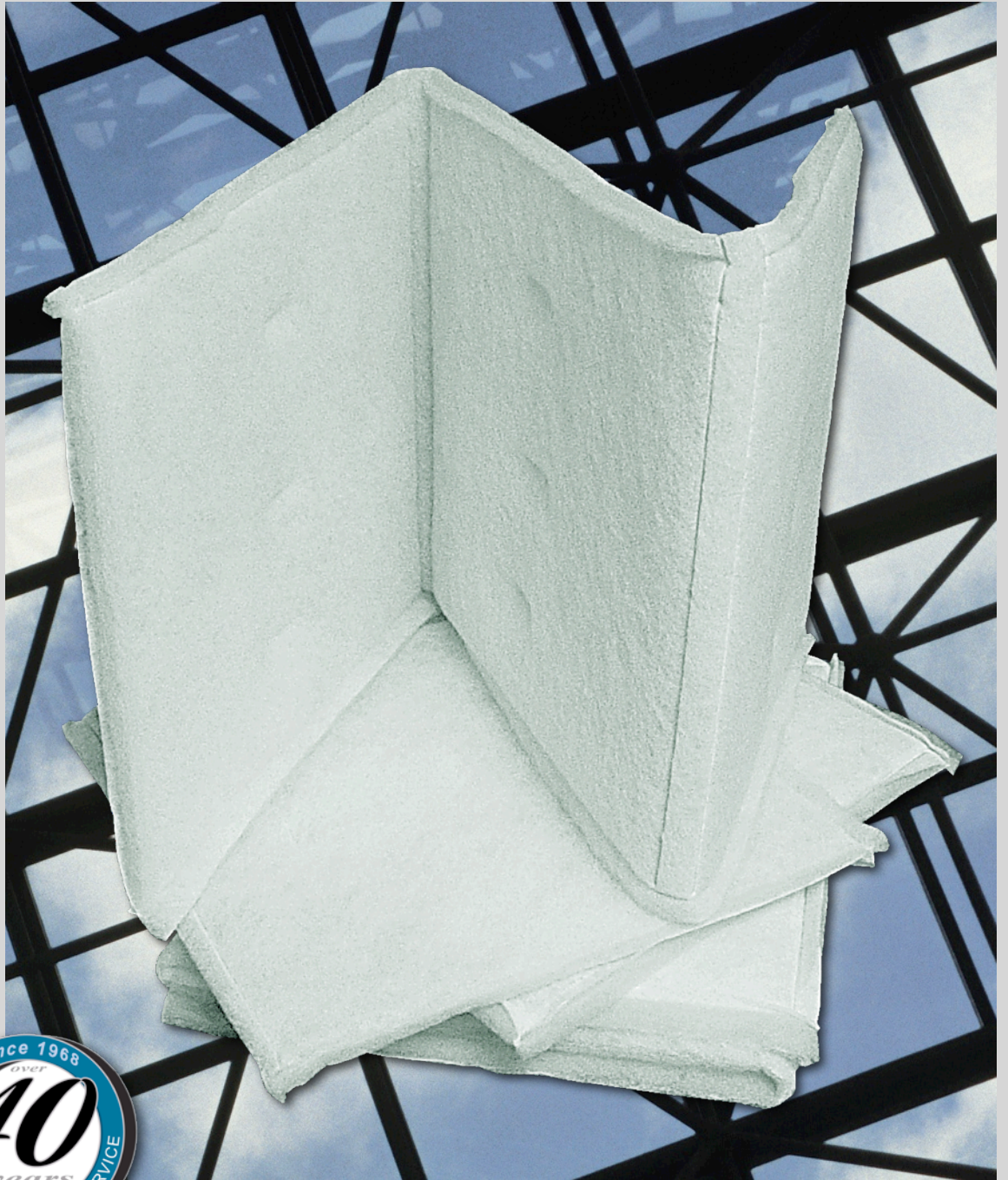


INNOVATIVE SOLUTIONS

TRI  DIM
FILTER CORPORATION

TRI-DEK[®] 3/67
2-PLY PANEL AND LINK FILTERS



TRI-DEK® 3/67

THE BUDGET STRETCHER

- Eliminates Bypass
- Keeps Coils Clean
- Saves Energy
- Mold/Moisture Resistant
- Reduced Filter Failure

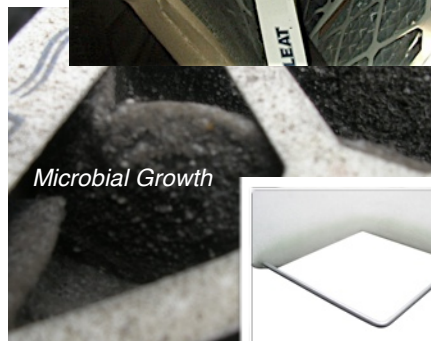
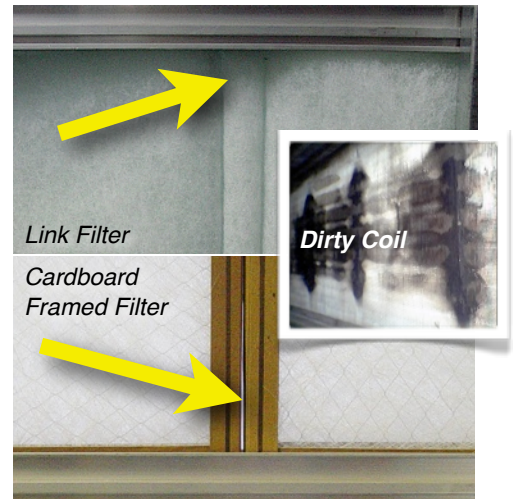


Tri-Dek 3/67 2-Ply Panel and Link Filters offer the solution you need for better efficiency and helps to relieve the increased pressures on your budget.

ELIMINATES BYPASS

Traditional cardboard framed filters allow dirty, unfiltered air to pass around the filter causing contamination on coils and the HVAC duct as well as allowing contaminants into the building.

Studies have documented that even a thin film on the coils can have a huge impact on energy consumption - up to a 37% increase. In addition to the energy savings the contaminant in the HVAC conveyance system can cause long term systemic problems that can be very expensive to abate.



MOLD/MOISTURE RESISTANT

Cardboard framed filters are vulnerable to the effects of moisture, even if they have been treated. Moisture can cause premature filter failure - the frame becomes wet and will buckle under the pressure of the system (as pictured top left). If the frame remains wet and conditions are correct mold and other microbials can easily grow on the filter media and frame - see photo lower left.

The TRI-DEK 3/67 uses no cardboard but relies on an internal wire ring for support, this wire ring is sealed between two layers of synthetic media. This creates a filter resistant to moisture/mold that will save you money by reducing costly abatement.



TRI-DEK 3/67

THE BUDGET STRETCHER

- Longer Service Life
- Depth Loading Media
- Energy Savings
- Reduced Shipping/Storage
- Reduced Labor



LONGER SERVICE LIFE

TRI-DEK offers a unique 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 high resistance to airflow across the filter after a short period of time. This high resistance can cause dramatic increases in the related energy cost.

TRI-DEK's media experiences a less dramatic increase in the resistance since it depth loads. TRI-DEK media is composed of different deniers of media allowing for larger particles to be captured on the first layer and smaller particles are filtered as the air passes through the filter media. Depth loading reduces energy cost and allows for a longer service life. The longer service life saves money in a variety of ways ... on the number of filters you need to buy per year, labor cost, disposal cost, etc.

REDUCED SHIPPING/STORAGE

TRI-DEK is packaged 24 per case rather than 10 or 12 per case. This can save additional money as reduced storage space is needed and can reduce freight cost by up to 50%. Another huge benefit is reducing the number of trips to and from the air handler the HVAC technician has to make transporting filters.



Photo of left is 2 pleats - on right a Tri-Dek Link of 6 panels



24 TRI-DEK Filters

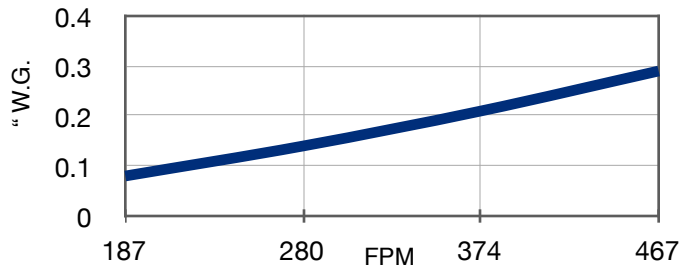
24 Cardboard Framed Filters



PRODUCT SPECIFICATIONS

MEDIA	Synthetic, dual denier
FRAME	Galvanized Wire
SEAL	Thermally Generated (<i>Standard sizes</i>)

RESISTANCE

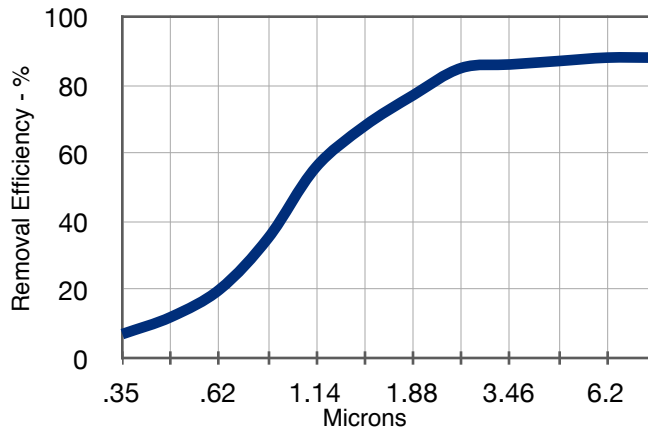


Initial Resistance vs. Airflow

Recommended Final Resistance = 1.0" WG

EFFICIENCY

Average Efficiency vs. Particle Size



MEETS ANSI/UL-900 REQUIREMENTS



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 $\pm 5\%$ variance in filter performance. Tri-Dim® and Tri-Dek® are Registered Trademarks of 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



Local Representation:



204 N. Link Lane #7
 Fort Collins, CO 80524
 Office: 970-204-4758 Fax: 970-204-4764
 Brandon@IndustrialFilterSource.com
 IndustrialFilterSource.com

Brochure # 400-1
 Revision: 07/2010

