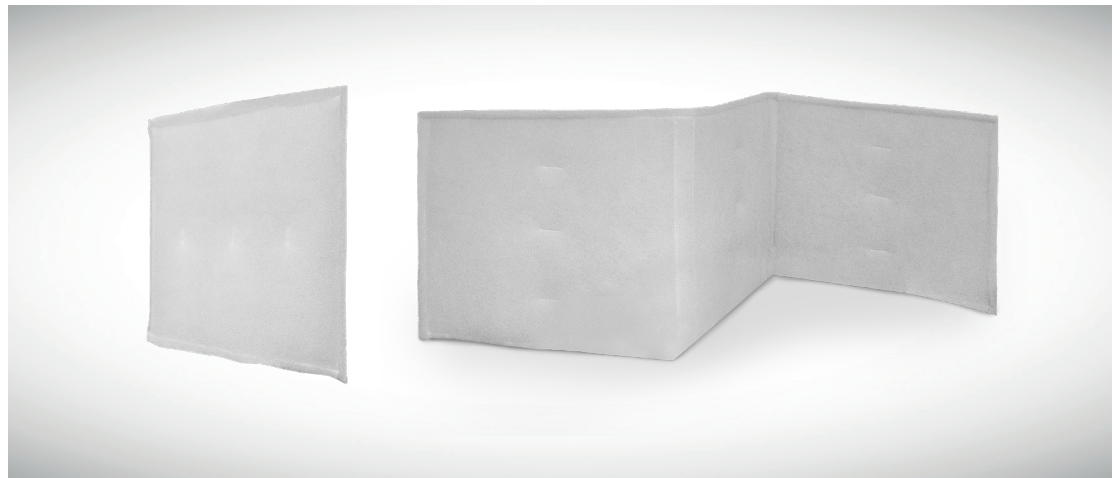


# Tri-Dek® 15/40 3-Ply Ring Panel and Link Filters

## FEATURES

- Available in ring panels, links & ALAPS
- UL 900 classified
- 3-ply media
- Galvanized internal wire support
- Synthetic media
- Moisture & mold resistant
- MERV 8 efficiency



## TRI-DEK® 15/40 3-PLY CONSTRUCTION & APPLICATIONS

MANN+HUMMEL Tri-Dek® 15/40 3-ply utilizes three different medias that are arranged from the coarsest to the finest. This depth loading arrangement allows for particulate to be captured throughout the depth of the media unlike 'strainer' type pleat medias that typically utilize only the surface to capture dirt.

The Tri-Dek 15/40® media is available in MERV 8 efficiency and eliminates the risk of unfiltered air bypass around or between filters, or the filter and the filter rack. Tri-Dek® utilizes a selvage edge to provide a self gasket, unlike cardboard framed filters that do not seal and therefore may allow unfiltered air to go around the filter.

Tri-Dek® media is resistant to moisture and microbial growth, unlike cardboard framed pleated filters, which may hold moisture despite the use of protective coatings. If pleated filters are subjected to moisture they will eventually deteriorate and blow out of the air handler. The presence of moisture is also one of the key components of microbial growth.



Example of moisture reducing frame strength of standard cardboard pleated filters. Filters have potential to blow out of racks and cause damage to air handler units



Gaps between standard cardboard pleated filter frames allow for air and particulate bypass



Tri-Dek's® selvage edge that eliminates air and particulate bypass, preventing unwanted dust and contaminants from reaching HVAC equipment and entering air stream

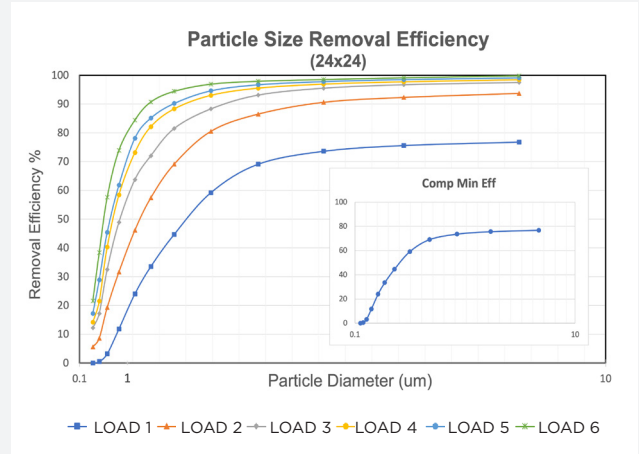
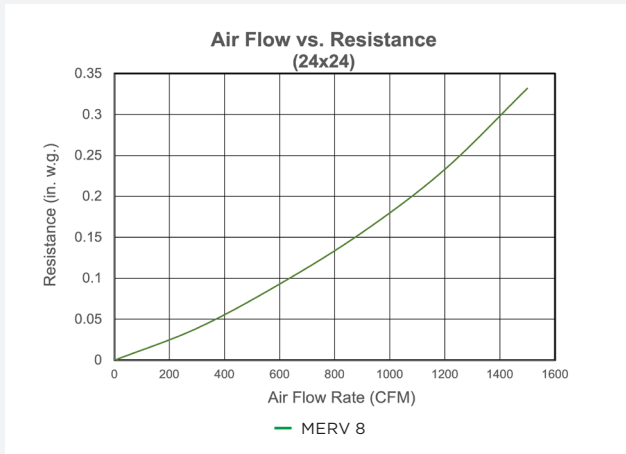
**TRI-DEK® 15/40 3-PLY  
PERFORMANCE DATA**

<b>Product</b>	<b>Tri-Dek 15/40</b>
<b>Media</b>	Synthetic, 3 deniers
<b>Frame</b>	Galvanized wire
<b>Seal</b>	Thermally generated (standard sizes)
<b>Resistance</b>	0.07" w.g. @ 125 FPM (17 Pa @ 0.64 m/sec) 0.18" w.g. @ 250 FPM (45 Pa @ 1.27 m/sec) 0.31" w.g. @ 375 FPM (77 Pa @ 1.91 m/sec) 0.46" w.g. @ 500 FPM (114 Pa @ 2.54 m/sec) 0.62" w.g. @ 625 FPM (154 Pa @ 3.18 m/sec)
<b>Final resistance</b>	1.0" w.g. (249 Pa)

Meets ANSI/UL-900 requirements

**TECHNICAL DATA**

TRI-DEK® 15/40 3-PLY



MANN+HUMMEL is committed to continual product development – all descriptions, specifications and performance data are subject to change without notice. MANN+HUMMEL products are manufactured to exacting criteria – there can be a ±5% variance in filter performance.

**LOCAL REPRESENTATIVE**