

Tri-Dek® MERV 11 Extended Surface HVAC Cube Filters

FEATURES

- MERV 11 efficiency
- Depth loading media providing over 500 grams DHC
- Extended surface area
- Trapezoid shape allows for lower pressure drop
- No cardboard = moisture resistant
- Mold resistant with reduced microbials
- Self sealing and reduced bypass of unfiltered air from selvage edge
- Improved system efficiency with cleaner HVAC components



TRI-DEK® MERV 11 CONSTRUCTION & APPLICATIONS

The Tri-Dek® MERV 11 extended surface HVAC cube filter utilizes a unique combination of Tri-Dek® media that allows the filter to better manage the dirt load. Most filters use a media that collects dirt on the surface of the material—reducing service life and energy efficiency. The Tri-Dek® MERV 11 depth loads the contaminant, extending life and dramatically decreasing the overall life cycle cost.

The Tri-Dek® MERV 11 extended surface area and unique trapezoidal shape also deliver performance gains—minimizing the pressure drop and lengthening the service life.

The Tri-Dek® MERV 11 filter is resistant to moisture and mold—unlike traditional cardboard framed filters. 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.



Example of moisture damage and microbial growth



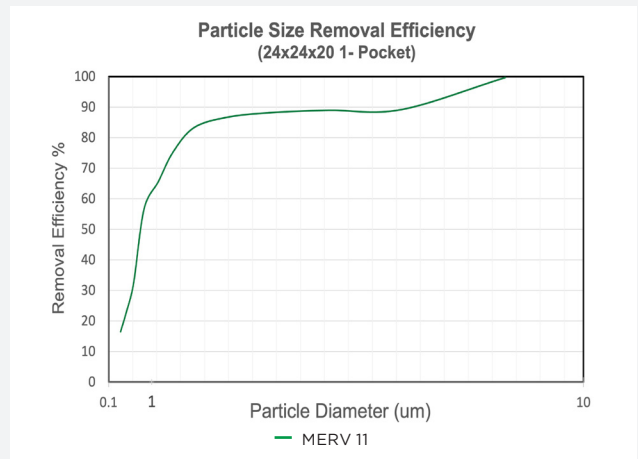
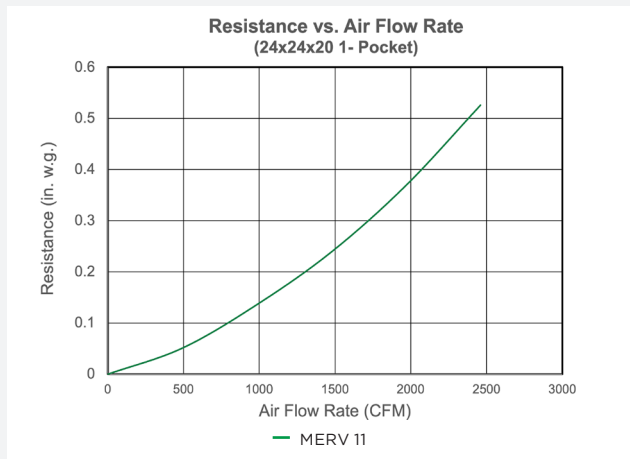
Cross section of Tri-Dek's progressive density media. Air flow travels from top to bottom.

TRI-DEK® MERV 11
PERFORMANCE DATA

Product	TRI-DEK® MERV 11
Media	Synthetic, 4 deniers
Final Resistance	1.0 "W.G. (249 Pa)
Resistance @ 500 FPM (2.54 m/sec)	
10" deep (254 mm)	0.52 in.w.g. (129 Pa)
15" deep (381 mm)	0.42 in.w.g. (104 Pa)
20" deep (508 mm)	0.37 in.w.g. (92 Pa)

TECHNICAL DATA

TRI-DEK® MERV 11



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