

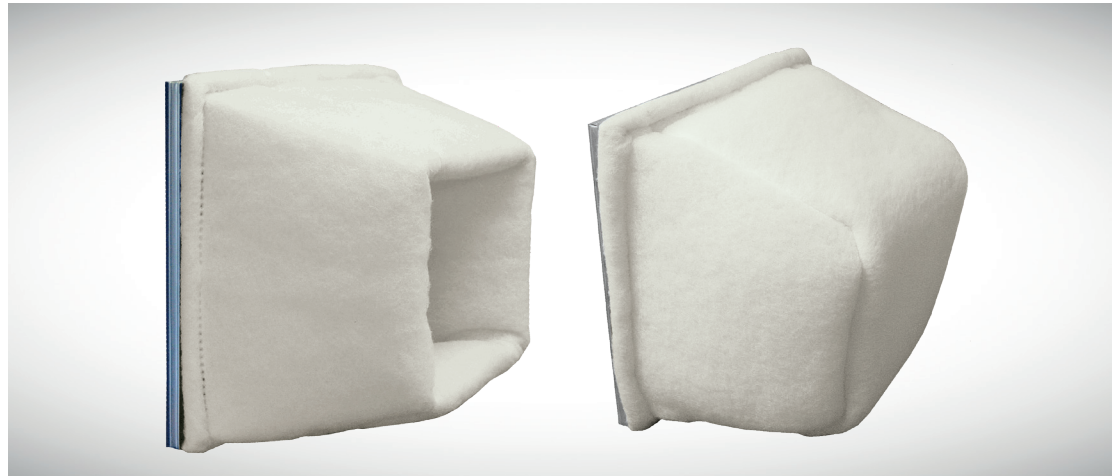
Tri-Dek® RF/RFX

Reverse Flow

HVAC Cube Filters

FEATURES

- Permanent metal retainer
- Available in 2, 3, & 4-ply
- Available in three standard depths
- Variety of face sizes available



Tri-Dek® RFX frame

TRI-DEK® RF/RFX CONSTRUCTION & APPLICATIONS

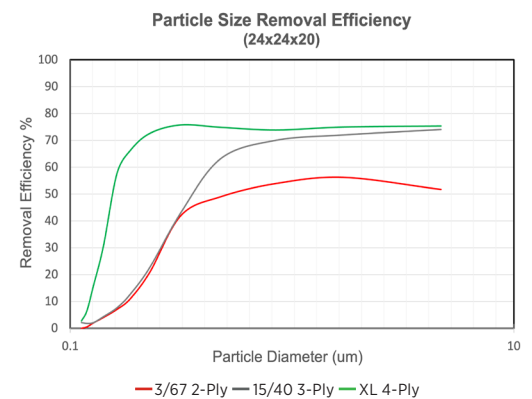
The Tri-Dek® RF/RFX Reverse Flow HVAC cube filters project outward, into the upstream air, away from obstacles, rather than downstream like traditional extended surface filters. The use of an extended surface air filter reduces change outs, extends the life of expensive final filters, reduces energy consumption and lowers the operating cost.

The Tri-Dek® RFX series utilizes a permanent metal retain assembly that projects the cube filter upstream and offers the needed support for demanding applications.

Both styles of the Tri-Dek® RF/RFX reverse cube are available in the Tri-Dek® medias that have been trusted in the HVAC industry for over 40 years. Tri-Dek medias utilize different deniers of media 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 medias that utilize only the surface to capture dirt. Tri-Dek® 3 and 4-ply medias contain post consumer recycled content.

TECHNICAL DATA



Tri-Dek® RFX filters installed

TRI-DEK® RF/RFX
PERFORMANCE DATA

Specifications		TRI-DEK® RF - Reverse Cube Filter	TRI-DEK® RFX - Reverse Cube with Center Pocket
Media		Synthetic, 2, 3 or 4 deniers	Synthetic, 2, 3 or 4 deniers
Frame		Galvanized Wire	Galvanized Wire
Final Resistance @ 500 FPM (2.54 m/sec)		1.0 in. w.g. (249 PA)	1.0 in. w.g. (249 PA)
Resistance 3/67 2-Ply @ 500 FPM (2.54 m/sec)	10" Deep (254 mm)	0.21 in. w.g. (52 PA)	0.17 in. w.g. (42 PA)
	15" Deep (381 mm)	0.17 in. w.g. (42 PA)	0.15 in. w.g. (37 PA)
	20" Deep (508 mm)	0.15 in. w.g. (37 PA)	0.13 in. w.g. (32 PA)
Resistance 15/40 3-Ply @ 500 FPM (2.54 m/sec)	10" Deep (254 mm)	0.22 in. w.g. (55 PA)	0.21 in. w.g. (52 PA)
	15" Deep (381 mm)	0.18 in. w.g. (45 PA)	0.17 in. w.g. (42 PA)
	20" Deep (508 mm)	0.17 in. w.g. (42 PA)	0.14 in. w.g. (35 PA)
Resistance XL 4-Ply @ 500 FPM (2.54 m/sec)	10" Deep (254 mm)	0.26 in. w.g. (65 PA)	0.25 in. w.g. (62 PA)
	15" Deep (381 mm)	0.20 in. w.g. (50 PA)	0.19 in. w.g. (47 PA)
	20" Deep (508 mm)	0.18 in. w.g. (45 PA)	0.17 in. w.g. (42 PA)
Media Area for a 24"X24" filter	10" Deep (254 mm) 15" Deep (381 mm) 20" Deep (508 mm)	9.0 Ft ² (0.84 m ²) 11.2 Ft ² (1.04 m ²) 14.0 Ft ² (1.30 m ²)	12.1 Ft ² (1.12 m ²) 16.7 Ft ² (1.55 m ²) 21.1 Ft ² (1.96 m ²)

TECHNICAL DATA

TRI-DEK® RF



TRI-DEK® RFX



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.

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