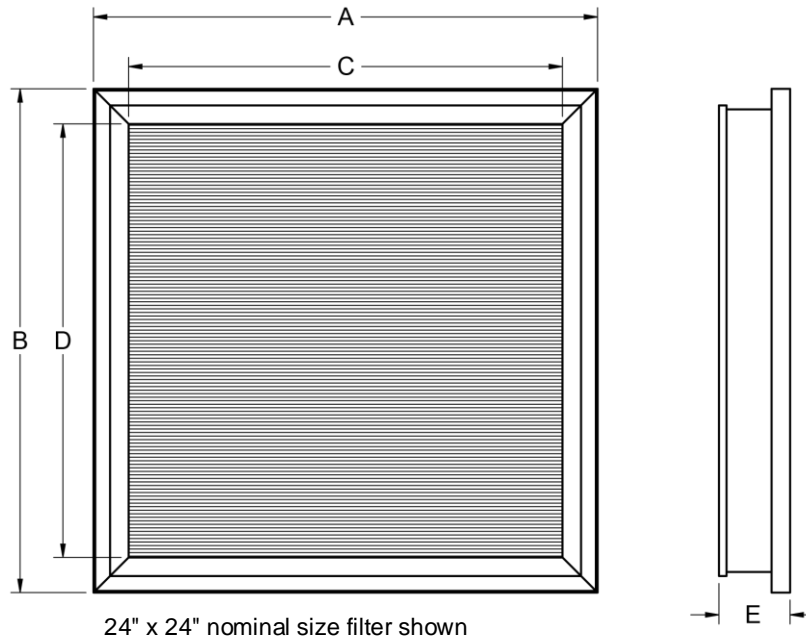## MERV15-R Filter For Use with TDCR, TLFR, TriTecR, & RadiaTecR Diffusers

24" x 24" nominal size filter shown

Nominal Size	A	B	C	D	Effective Face Area (Sq Ft)
24 x 24	20 3/8	20 3/8	17 7/8	17 7/8	2.22
48 x 24	44 3/8	20 3/8	41 7/8	17 7/8	5.19

Nominal Media Thickness	E
2"	3

Dimensions are in inches

MERV 15 Filter with 2" Media Pack Thickness

Nominal Filter Size										
24 x 24	CFM	25	33	50	66	83	100	133	166	200
	Pressure	0.023	0.030	0.044	0.057	0.071	0.084	0.109	0.135	0.162
48 x 24	CFM	63	85	127	170	212	254	338	423	508
	Pressure	0.025	0.033	0.048	0.063	0.077	0.091	0.118	0.146	0.176

- Pressure loss values listed above are measured in inches of water gauge (w.g.).

- Pressure loss value is for an unused filter only. This value must be added to the diffuser pressure drop to determine total pressure.

Filter Specifications

- Titus MERV15-R filters are designed specifically to fit the RadiaTecR-AL, RadiaTecR-SS, TDCR-AA, TDCR-SS, TLFR-AA, TLFR-SS, TriTecR-AL, and TriTecR-SS diffusers.

- This filter model is not compatible with TLF-AA, TLF-SS, RadiaTec-AL, and RadiaTec-SS models equipped with HEPA rack option.

- Filter efficiency is 95% with 0.3 micron particles per standard: IEST-RP-CC-001 (Institute of Environmental Science & Technology). Tested in accordance with IEST-RP-CC-034.

- Frame material is extruded anodized aluminum.

- Filter is equipped with an expanded metal grille

- Filter has a downstream gel seal to mate with diffuser knife edge. Gel seal material is self-healing non-flowing urethane

- Filter is constructed of fire-rated materials and meets UL-900 and UL 586 classifications.

- The filter maximum operating temperature is 250°F, and the maximum relative humidity (R.H.) is 100%