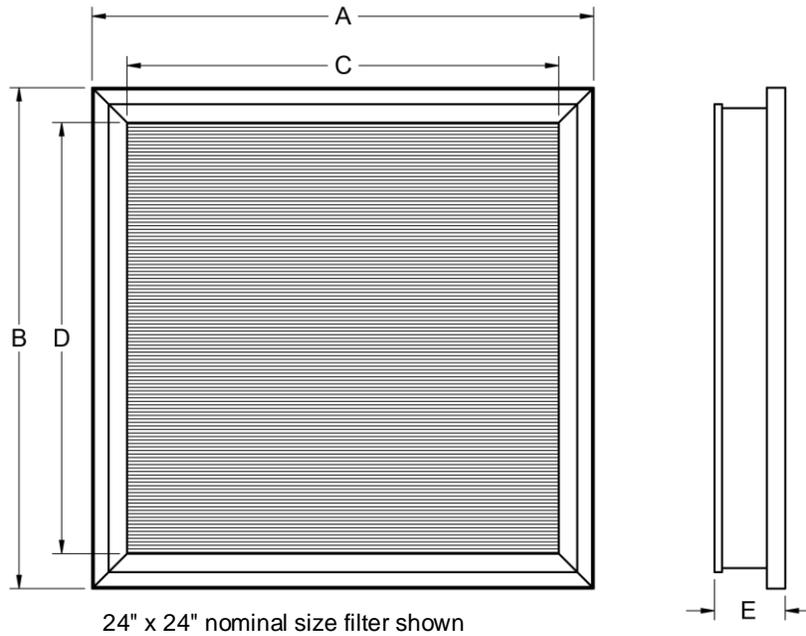


MERV14-R Filter For Use with TDCR, TLFR, TriTecR, & RadiaTecR Diffusers



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 14 Filter with 2" Media Pack Thickness

Nominal Filter Size	MERV 14 Filter with 2" Media Pack Thickness									
	CFM	25	33	50	66	83	100	133	166	200
24 x 24	Pressure	0.009	0.012	0.018	0.024	0.030	0.036	0.048	0.060	0.072
	CFM	63	85	127	170	212	254	338	423	508
48 x 24	Pressure	0.010	0.013	0.020	0.026	0.033	0.039	0.052	0.065	0.078

- 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 MERV14-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.
- 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%
- Frame material is extruded anodized aluminum.
- Filter is equipped with an expanded metal grille

This submittal is meant to demonstrate general dimensions of this product. The drawings are not meant to detail every aspect of the product. Drawings are not to scale.

Titus reserves the right to make changes without written notice.