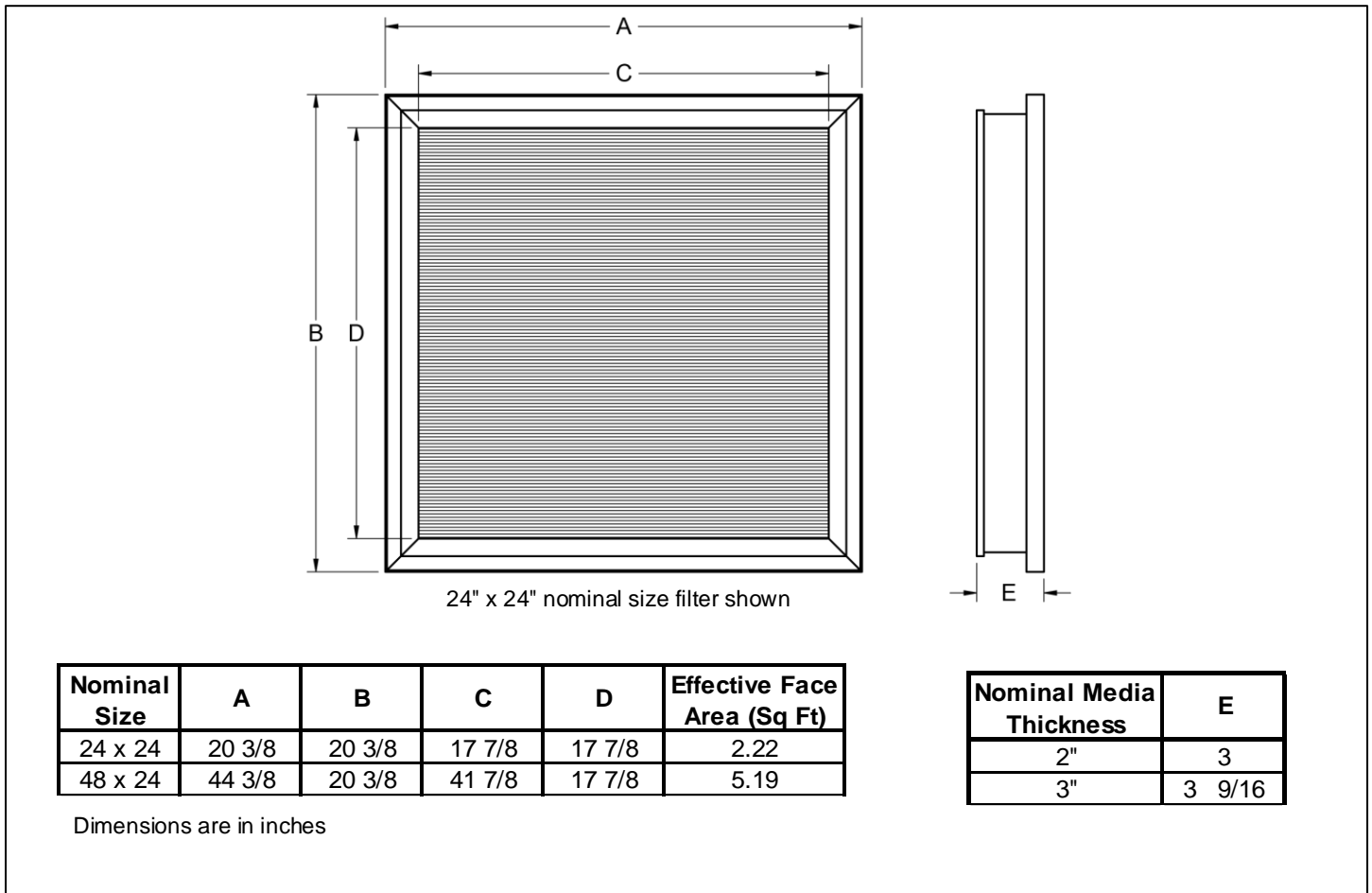


ULPA-R Filter

For Use with TDCR, TLF-RR, TriTecR, & RadiaTecR Diffusers



Filter Specifications

- Designed specifically to fit the TLF-RR, TLF-SS, TDCR-AA, TDCR-SS, TriTecR-AL, TriTecR-SS, RadiaTecR-AL, and RadiaTecR-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 99.9995% with 0.12 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 ULPA knife edge. Gel seal material is self-healing non-flowing urethane
- Filter media available in 2" and 3" configurations.
- 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%
- Filters are non-hygroscopic
- Refer to chart on subsequent pages of submittal for pressure drop values.

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.

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ULPA Filter with 2" Media Pack Thickness

Nominal Filter Size											
24 x 24	CFM	25	33	50	66	83	100	133	166	200	
	Pressure	0.07	0.10	0.15	0.19	0.24	0.29	0.39	0.49	0.59	
48 x 24	CFM	63	85	127	170	212	254	338	423	508	
	Pressure	0.08	0.11	0.16	0.21	0.27	0.32	0.42	0.53	0.64	

ULPA Filter with 3" Media Pack Thickness

Nominal Filter Size											
24 x 24	CFM	25	33	50	66	83	100	133	166	200	
	Pressure	0.05	0.07	0.10	0.13	0.16	0.20	0.26	0.33	0.40	
48 x 24	CFM	63	85	127	170	212	254	338	423	508	
	Pressure	0.05	0.07	0.11	0.14	0.18	0.22	0.29	0.36	0.43	

- 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.