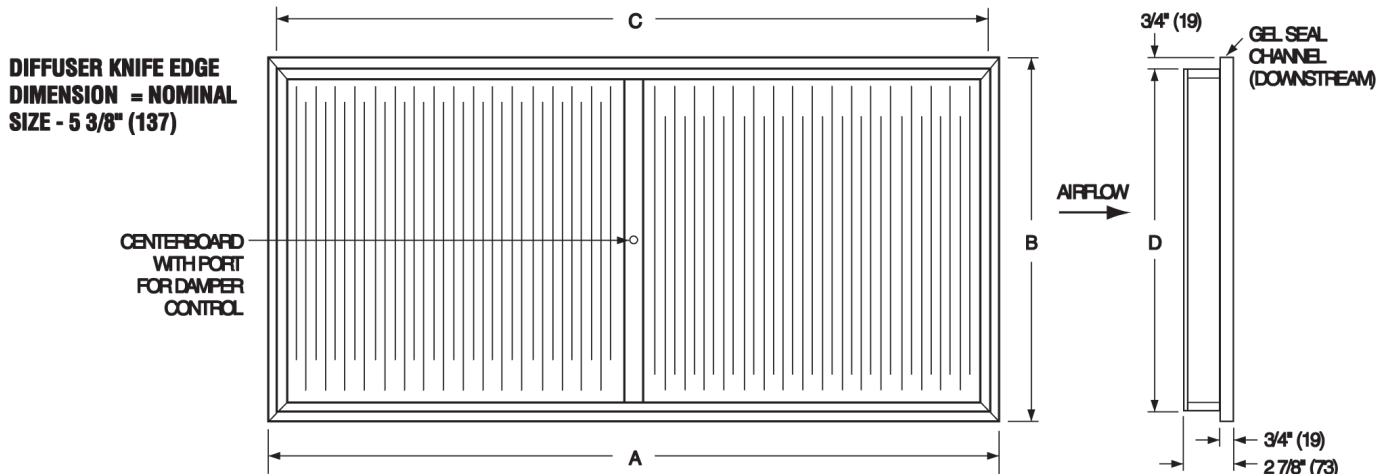




HEPA, ULPA FILTERS

Model CE-Filters



FILTER SPECIFICATIONS

- Filter efficiency is 99.99% on 0.3 micron particles per standard; IEST-RP-CC001.5 (Institute of Environmental Science & Technology).
- The filter resistances to air flow will be a maximum of .54" w.g. (135 Pa.) at 100 fpm. (0.51 m/s). Refer to chart for additional pressure drop values.
- Filter is PAO scan tested for leaks at an air flow of 100 fpm (0.51 m/s).
- Frame material is type 304 stainless steel
- Filter has a downstream gel seal to mate with diffuser HEPA knife edge. Gel seal material is urethane (Blue).
- Filter media is a 2" (51) deep separatorless media pack.
- Filter is constructed of fire-rated material per standard; UL-900 Class 2.
- Filter has a centerboard with removable test port for filter pressure drop measurement, damper adjustment or leakage testing. Cadmium plated screw (included with filter).
- The filter maximum operating temperature is 160°F (71°C) and the maximum relative humidity (R.H.) is 100%.



HEPA, ULPA FILTERS

Model CE-Filters

DIMENSIONAL DATA

CEILING MODULE/ NOMINAL DIFFUSER/ FILTER SIZE	A X B	C X D	NET MEDIA FACE AREA SQ. FT. (M2)	RECOMMENDED MAX. AIRFLOW CFM (L/S)	MAX. AIRFLOW CFM (L/S)
48 x 12 (1219 x 305)	43 ½ x 7 ½ (1105 x 191)	42 x 6 (1067 x 152)	1.93 (0.179)	193 (91)	290 (137)
60 x 12 (1524 x 305)	55 ½ x 7 ½ (1410 x 191)	54 x 6 (1372 x 152)	2.50 (0.232)	250 (118)	375 (177)
24 x 24 (610 x 610)	19 ½ x 19 ½ (495 x 495)	18 x 18 (457 x 457)	1.96 (0.182)	196 (92)	294 (139)
36 x 24 (914 x 610)	31 ½ x 19 ½ (800 x 495)	30 x 18 (762 x 457)	3.37 (0.313)	337 (159)	506 (239)
48 x 24 (1219 x 610)	43 ½ x 19 ½ (1105 x 495)	42 x 18 (1067 x 457)	4.77 (0.443)	477 (225)	716 (338)
60 x 24 (1524 x 610)	55 ½ x 19 ½ (1410 x 495)	54 x 18 (1372 x 457)	6.17 (0.573)	617 (291)	926 (437)

PRESSURE DROP VALUES (IN. W.G.) FOR UNUSED FILTER

48 x 12 (1219 x 305)	CFM ΔPs	100 0.15	140 0.28	180 0.47	220 0.70	260 0.98	290 1.22
60 x 12 (1524 x 305)	CFM ΔPs	125 0.14	175 0.26	225 0.44	275 0.65	325 0.91	375 1.22
24 x 24 (610 x 610)	CFM ΔPs	100 0.14	140 0.28	180 0.46	330 0.68	260 0.95	295 1.22
36 x 24 (914 x 610)	CFM ΔPs	150 0.11	220 0.23	290 0.40	360 0.62	430 0.88	500 1.19
48 x 24 (1219 x 610)	CFM ΔPs	200 0.09	300 0.21	400 0.38	500 0.59	600 0.85	715 1.21
60 x 24 (1524 x 610)	CFM ΔPs	300 0.13	425 0.26	550 0.43	675 0.65	800 0.91	925 1.21