

RA204 Fixed Bar Return Air Grille (Page 17)
RAF204 Fixed Bar Filter Grille (Page 17)

Face Velocity		400	500	600	700	800	900	1000
6 x 6	CFM	40	60	70	80	90	100	110
Ak .110	Ps	.037	.058	.083	.113	.148	.189	.232
8 x 8	CFM	100	120	140	170	190	220	240
Ak .240	Ps	.032	.050	.072	.098	.128	.163	.200
12 x 6	CFM	110	140	170	190	220	250	280
Ak .280	Ps	.031	.048	.069	.094	.122	.155	.191
14 x 6	CFM	30	170	200	230	270	300	330
Ak .330	Ps	.029	.045	.065	.088	.114	.145	.179
14 x 8	CFM	190	230	280	330	370	420	460
Ak .460	Ps	.025	.039	.055	.075	.097	.123	.152
12 x 12	CFM	250	310	370	430	490	550	610
Ak .610	Ps	.021	.032	.046	.062	.079	.100	.125
24 x 8	CFM	340	420	500	590	670	760	840
Ak .840	Ps	.020	.032	.046	.061	.079	.100	.124
18 x 12	CFM	380	480	570	670	760	860	950
Ak .950	Ps	.020	.032	.046	.061	.080	.101	.124
30 x 8	CFM	430	530	640	750	850	960	1100
Ak	Ps	.020	.032	.046	.061	.080	.101	.124
24 x 12	CFM	520	650	780	900	1000	1200	1300
Ak	Ps	.020	.032	.046	.062	.081	.102	.124
18 x 18	CFM	580	730	880	1000	1200	1300	1500
Ak	Ps	.020	.032	.046	.062	.081	.102	.124
30 x 12	CFM	650	820	980	1100	1300	1500	1600
Ak	Ps	.021	.032	.046	.062	.082	.103	.124
20 x 20	CFM	730	910	1100	1300	1500	1600	1800
Ak	Ps	.021	.032	.046	.063	.083	.104	.124
36 x 12	CFM	790	990	1200	1400	1600	1800	2000
Ak	Ps	.021	.032	.046	.063	.084	.105	.125
24 x 20	CFM	880	1100	1300	1500	1800	2000	2200
Ak	Ps	.021	.032	.047	.064	.085	.107	.126
30 x 18	CFM	1000	1200	1500	1700	2000	2200	2500
Ak	Ps	.021	.033	.048	.065	.087	.109	.128
24 x 24	CFM	1100	1300	1600	1900	2100	2400	2700
Ak	Ps	.022	.033	.048	.066	.088	.110	.130
36 x 18	CFM	1200	1500	1800	2100	2400	2700	3000
Ak	Ps	.023	.035	.051	.069	.092	.116	.137
30 x 24	CFM	1300	1700	2000	2400	2700	3000	3400
Ak	Ps	.024	.037	.053	.074	.096	.121	.144
36 x 24	CFM	1600	2000	2400	2900	3300	3700	4100
Ak	Ps	.027	.040	.058	.080	.105	.132	.158
30 x 30	CFM	1700	2100	2600	3000	3400	3800	4300
Ak	Ps	.027	.041	.060	.081	.107	.135	.162
36 x 30	CFM	2100	2600	3100	3600	4100	4600	5200
Ak	Ps	.030	.045	.066	.090	.117	.149	.179
48 x 24	CFM	2200	2800	3300	3900	4400	5000	5500
Ak	Ps	.031	.047	.069	.093	.122	.154	.186
36 x 36	CFM	2500	3100	3700	4400	5000	5600	6200
Ak	Ps	.034	.051	.074	.100	.130	.165	.200
48 x 36	CFM	3400	4200	5100	5900	6800	7600	8500
Ak	Ps	.025	.038	.055	.075	.098	.124	.153
48 x 48	CFM	4600	5800	6900	8100	9200	10000	12000
Ak	Ps	.022	.034	.048	.066	.086	.109	.134

359TW, 359TIW T-Bar Filter Grille (Page 18)

Average Face Velocity		300	400	500	600
359T	CFM	730	975	1220	1465
Ak 2.440	-Ps	.017	.030	.047	.067
359-TI					
w/12" collar	CFM	670	890	1115	1340
Ak 2.230	-Ps	.084	.147	.230	.330
w/14" collar	CFM	680	905	1130	1355
Ak 2.260	-Ps	.060	.105	.165	.240
w/16" collar	CFM	695	930	1160	1390
Ak 2.320	-Ps	.039	.068	.106	.155

Note: Tested without filters. Typical capacity is 2 CFM per square inch of nominal filter area. Recommended face velocity is 300-450 FPM. Velocities higher will decrease filter performance, increase flow resistance, and possibly be of noise concern. Velocity measured 1" from face.

326TW T-Bar Filter Grille (Page 18)

20 x 20	CFM	540	720	900	1081
Ak 1.800	Ps	.018	.033	.051	.071

326TPIR6W T-Bar Filter Grille With Deep Plenum (Page 19)

6"	CFM	100	150	200	225	250	275	300
Diameter	NC	<20	<20	21	24	27	30	32
Inlet	Static Pressure	-.057	-.127	-.226	-.287	-.354	-.428	-.509
8"	CFM	150	200	250	300	400	500	550
Diameter	NC	<20	<20	<20	<20	25	31	36
Inlet	Static Pressure	-.040	-.072	-.112	-.161	-.287	-.448	-.542
10"	CFM	300	400	500	600	700	800	850
Diameter	NC	<20	<20	<20	24	28	33	35
Inlet	Static Pressure	-.066	-.117	-.183	-.264	-.359	-.469	-.530
12"	CFM	400	500	600	700	800	1000	1200
Diameter	NC	<20	<20	<20	<20	22	28	34
Inlet	Static Pressure	-.057	-.088	-.127	-.173	-.226	-.354	-.509
14"	CFM	600	700	800	1000	1200	1400	1600
Diameter	NC	<20	<20	<20	20	24	28	34
Inlet	Static Pressure	-.069	-.094	-.122	-.191	-.275	-.374	-.489
16"	CFM	800	1000	1200	1600	1800	2000	2200
Diameter	NC	<20	<20	<20	25	28	31	36
Inlet	Static Pressure	-.072	-.112	-.161	-.287	-.363	-.448	-.542