



Performance Data

1/2" Linear Return Air Filter Grilles

Duct Size	Core Eff. Area (ft ²)	Neck Velocity (FPM) Velocity Pressure	300 .006	400 .032	500 .048	600 .070	700 .092	800 .120	900 .130	1000 .140
12x6	0.339	CFM	102	136	170	204	238	272	305	339
14x6	0.398	CFM	120	159	199	239	279	319	359	398
12x8	0.459	CFM	138	184	230	276	321	367	413	459
10x10	0.478	CFM	143	191	239	287	335	383	430	478
14x8	0.539	CFM	162	216	270	323	377	431	485	539
16x8	0.619	CFM	186	248	309	371	433	495	557	619
18x8	0.699	CFM	210	280	349	419	489	559	629	699
12x12	0.699	CFM	210	280	349	419	489	559	629	699
20x8	0.779	CFM	234	311	389	467	545	623	701	779
24x8	0.938	CFM	282	375	469	563	657	751	845	938
20x10	0.982	CFM	295	393	491	589	687	785	884	982
14x14	0.961	CFM	288	384	480	577	673	769	865	961
24x10	1.183	CFM	355	473	592	710	828	947	1065	1183
20x12	1.185	CFM	355	474	592	711	829	948	1066	1185
16x16	1.265	CFM	379	506	632	759	885	1012	1138	1265
20x14	1.388	CFM	416	555	694	833	972	1110	1249	1388
24x12	1.428	CFM	428	571	714	857	1000	1142	1285	1428
18x18	1.610	CFM	483	644	805	966	1127	1288	1449	1610
24x14	1.673	CFM	502	669	836	1004	1171	1338	1505	1673
20x20	1.997	CFM	599	799	999	1198	1398	1598	1798	1997
24x20	2.407	CFM	722	963	1204	1444	1685	1926	2166	2407

Performance Notes:

- 1) Effective core areas listed in chart are defined as the measurement of space between the blades actually being utilized by the air
- 2) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-2006

Throw Correction for Length

Active Length (feet)	1'	2'	3'	4'
Throw Correction	1 (published)	1.4	1.9	2.4