



Performance Data

1/3" 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	0.289	CFM	87	116	145	174	203	232	261	289
14x6	0.340	CFM	102	136	170	204	238	272	306	340
12x8	0.389	CFM	117	156	195	234	273	311	350	389
10x10	0.404	CFM	121	162	202	242	283	323	364	404
14x8	0.457	CFM	137	183	229	274	320	366	411	457
16x8	0.525	CFM	157	210	262	315	367	420	472	525
18x8	0.592	CFM	178	237	296	355	415	474	533	592
12x12	0.589	CFM	177	236	294	353	412	471	530	589
20x8	0.660	CFM	198	264	330	396	462	528	594	660
24x8	0.796	CFM	239	318	398	477	557	636	716	796
20x10	0.829	CFM	249	332	415	498	581	664	746	829
14x14	0.809	CFM	243	323	404	485	566	647	728	809
24x10	1.000	CFM	300	400	500	600	700	800	900	1000
20x12	0.999	CFM	300	399	499	599	699	799	899	999
16x16	1.063	CFM	319	425	531	638	744	850	957	1063
20x14	1.168	CFM	350	467	584	701	818	934	1051	1168
24x12	1.204	CFM	361	481	602	722	842	963	1083	1204
18x18	1.352	CFM	406	541	676	811	946	1082	1217	1352
24x14	1.408	CFM	422	563	704	845	985	1126	1267	1408
20x20	1.676	CFM	503	670	838	1005	1173	1341	1508	1676
24x20	2.020	CFM	606	808	1010	1212	1414	1616	1818	2020

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