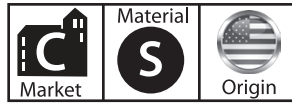


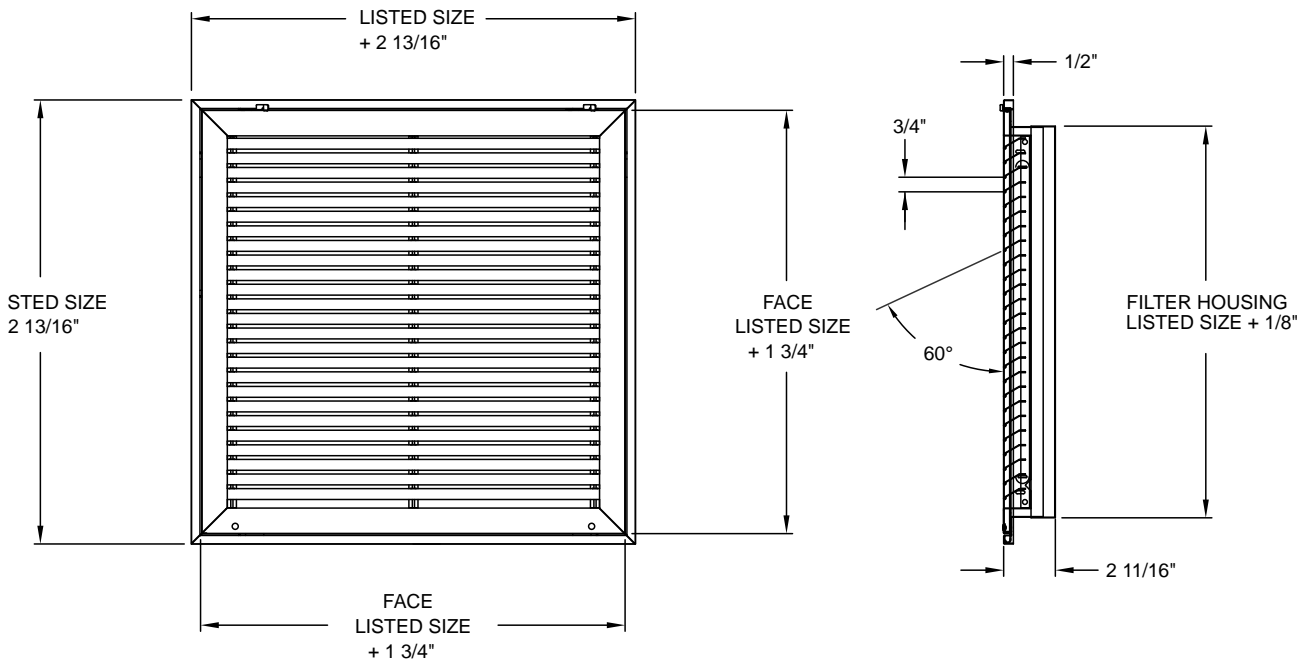
Series FBFG/AFBFG

Fixed Bar Filter Grille

- Fixed, horizontal, roll-form face bars
- Flush, removeable face
- Concealed hinges and latches
- Bars fixed at 60° deflection
- Uses 1" filter (not included)
- Commercial grade steel construction (FBFG60)
- Commercial grade **aluminum** construction (AFBFG60)
- White finish
- Made in the U.S.A.



Dimensional Drawings



Commercial Sidewall or Ceiling

Performance Data, Series FBFG/AFBFG

Unit Size	Face Velocity	300	400	500	600	700	800	900	1000
12 x 12 Ak .67	Cfm	201	268	335	402	469	536	603	670
	Pt	0.011	0.018	0.030	0.036	0.054	0.064	0.089	0.099
14 x 14 Ak .71	Cfm	213	284	355	426	497	568	639	710
	Pt	0.011	0.019	0.031	0.037	0.051	0.060	0.086	0.102
14 x 20 Ak .99	Cfm	297	396	495	594	693	792	891	990
	Pt	0.011	0.019	0.031	0.037	0.057	0.071	0.093	0.103
16 x 20 Ak 1.13	Cfm	339	452	565	678	791	904	1017	1130
	Pt	0.011	0.019	0.031	0.037	0.057	0.072	0.094	0.103
16 x 25 Ak 1.41	Cfm	423	564	705	846	987	1128	1269	1410
	Pt	0.011	0.019	0.031	0.041	0.580	0.074	0.095	0.106
20 x 20 Ak 1.42	Cfm	426	568	710	852	994	1136	1278	1420
	Pt	0.011	0.019	0.031	0.041	0.580	0.074	0.095	0.106
20 x 25 Ak 1.77	Cfm	531	708	885	1062	1239	1416	1593	1770
	Pt	0.011	0.019	0.032	0.043	0.060	0.078	0.098	0.107
20 x 30 Ak 2.12	Cfm	636	848	1060	1272	1484	1696	1908	2120
	Pt	0.011	0.019	0.032	0.043	0.060	0.079	0.098	0.107
22 x 22 Ak 1.77	Cfm	531	708	885	1062	1239	1416	1593	1770
	Pt	0.011	0.019	0.032	0.043	0.060	0.078	0.098	0.107
24 x 24 Ak 2.03	Cfm	609	812	1015	1218	1421	1624	1827	2030
	Pt	0.011	0.019	0.032	0.043	0.060	0.079	0.098	0.107
24 x 30 Ak 2.55	Cfm	765	1020	1275	1530	1785	2040	2295	2550
	Pt	0.014	0.023	0.036	0.045	0.062	0.081	0.098	0.128
30 x 30 Ak 3.18	Cfm	954	1272	1590	1908	2226	2544	2862	3180
	Pt	0.017	0.029	0.038	0.056	0.089	0.136	0.148	0.161

Tested without filter.

Specifications for typical, high-capacity, pleated panel filter rated at 175 fpm medium and 350 fpm high. Resistance measured at capacity (inches w.g.):

	Cfm	Resistance
Medium	700	0.12
High	1400	0.25

Product Sizes

This catalog includes Performance Data for products. Such data varies by product size. However, the Performance Data does not always provide a full listing of available sizes for each product. See your authorized Continental distributor, or the Continental web site (www.continentalindustries.com) for a complete description of most commonly available sizes for each product.

Calculating CFM for Sizes Not Listed

You can calculate CFM for larger and smaller sizes than those listed in this and other tables. Do so by using CFM data from a listed size and by extrapolating to the desired size.

For example, if you need the value of a 32" x 20" grille, you can use the square size value of a smaller unit and multiply by the square size of the size needed. The 32" x 20" grille has an area of 640 square inches (32 multiplied by 20). In this example you can use a 16" x 20" grille, which has an area of 320 square inches (exactly half of the desired grille size). Thus, the 32" x 20" is 2 times larger. In this case then, simply take the listed CFM for the 16" x 20" unit and multiply by 2 = 678 CFM.