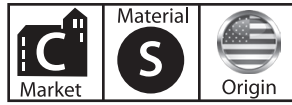


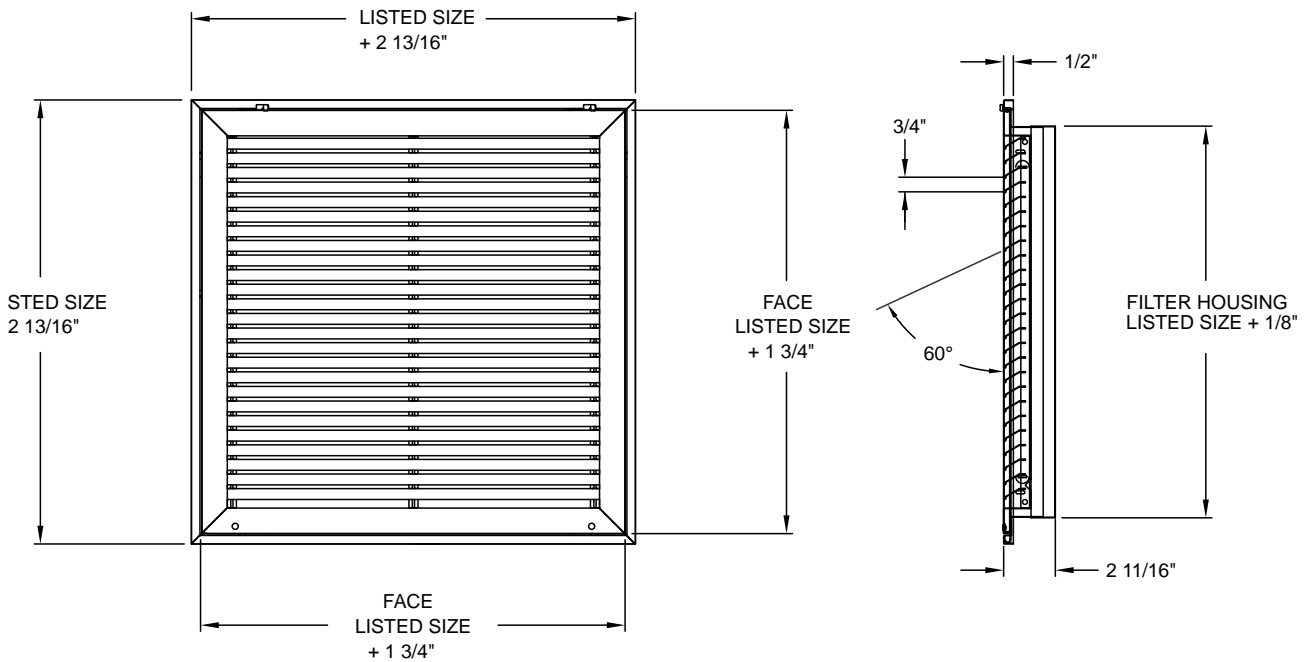
# Series FBFG/AFBFG

## 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](http://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.