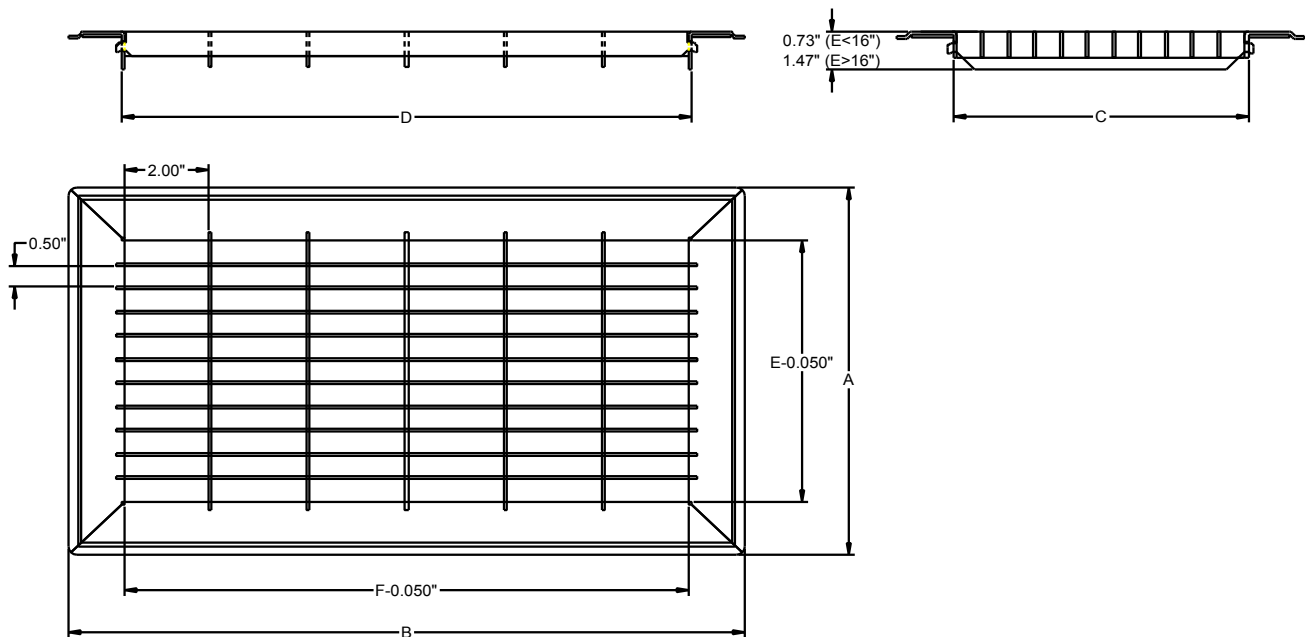




MFFG SERIES FLOOR GRILLE SPECIFICATION CHART



- Heavy Gauge Steel Construction
- Reinforced Miter Corners
- Rigid Bar Face
- Firm and Smooth Surface
- Finish: Brown

Floor Grille Dimensional Chart

Size (ExF)	Dimensions (See Detail Sketches)				Size (ExF)	Dimensions (See Detail Sketches)			
	A	B	C	D		A	B	C	D
4 x 10	5-13/16	11-13/16	3-15/16	9-15/16	8 x 24	9-13/16	25-13/16	7-15/16	23-15/16
4 x 12	5-13/16	13-13/16	3-15/16	11-15/16	8 x 30	9-13/16	31-13/16	7-15/16	29-15/16
4 x 14	5-13/16	15-13/16	3-15/16	13-15/16	10 x 10	11-13/16	11-13/16	9-15/16	9-15/16
4 x 24	5-13/16	25-13/16	3-15/16	23-15/16	10 x 12	11-13/16	13-13/16	9-15/16	11-15/16
4 x 30	5-13/16	31-13/16	3-15/16	29-15/16	10 x 14	11-13/16	15-13/16	9-15/16	13-15/16
6 x 10	7-13/16	11-13/16	5-15/16	9-15/16	10 x 20	11-13/16	21-13/16	9-15/16	19-15/16
6 x 12	7-13/16	13-13/16	5-15/16	11-15/16	10 x 24	11-13/16	25-13/16	9-15/16	23-15/16
6 x 14	7-13/16	15-13/16	5-15/16	13-15/16	10 x 30	11-13/16	31-13/16	9-15/16	29-15/16
6 x 16	7-13/16	17-13/16	5-15/16	15-15/16	12 x 12	13-13/16	13-13/16	11-15/16	11-15/16
6 x 18	7-13/16	19-13/16	5-15/16	17-15/16	12 x 14	13-13/16	15-13/16	11-15/16	13-15/16
6 x 20	7-13/16	21-13/16	5-15/16	19-15/16	12 x 20	13-13/16	21-13/16	11-15/16	19-15/16
6 x 24	7-13/16	25-13/16	5-15/16	23-15/16	12 x 24	13-13/16	25-13/16	11-15/16	23-15/16
6 x 30	7-13/16	31-13/16	5-15/16	29-15/16	12 x 30	13-13/16	31-13/16	11-15/16	29-15/16
8 x 8	9-13/16	9-13/16	7-15/16	7-15/16	14 x 14	15-13/16	15-13/16	13-15/16	13-15/16
8 x 10	9-13/16	11-13/16	7-15/16	9-15/16	14 x 20	15-13/16	21-13/16	13-15/16	19-15/16
8 x 12	9-13/16	13-13/16	7-15/16	11-15/16	14 x 24	15-13/16	25-13/16	13-15/16	23-15/16
8 x 14	9-13/16	15-13/16	7-15/16	13-15/16	16 x 30	17-13/16	31-13/16	15-15/16	29-15/16
8 x 16	9-13/16	17-13/16	7-15/16	15-15/16	20 x 20	21-13/16	21-13/16	19-15/16	19-15/16
8 x 18	9-13/16	19-13/16	7-15/16	17-15/16	20 x 26	21-13/16	27-13/16	19-15/16	25-15/16
8 x 20	9-13/16	21-13/16	7-15/16	19-15/16					

Floor Grille								
Average Face Velocity		400	500	600	700	800	900	1000
4 x 10 Ak .27	cfm Pt	105 0.012	135 0.015	160 0.023	185 0.031	210 0.041	240 0.051	265 0.069
4 x 12 Ak .30	cfm Pt	120 0.012	150 0.015	180 0.022	210 0.031	240 0.040	370 0.051	300 0.069
4 x 14 Ak .34	cfm Pt	135 0.011	170 0.014	200 0.021	235 0.031	270 0.040	305 0.050	335 0.067
4 x 24 Ak .59	cfm Pt	235 0.010	295 0.014	355 0.018	415 0.028	475 0.037	530 0.047	590 0.057
4 x 30 Ak .74	cfm Pt	295 0.008	370 0.014	445 0.017	520 0.026	590 0.035	665 0.042	740 0.053
6 x 10 Ak .37	cfm Pt	150 0.011	185 0.014	220 0.020	260 0.031	295 0.039	335 0.049	370 0.066
6 x 12 Ak .46	cfm Pt	180 0.010	225 0.014	265 0.020	310 0.030	355 0.039	400 0.048	445 0.063
6 x 14 Ak .54	cfm Pt	205 0.010	255 0.014	305 0.019	355 0.029	410 0.038	460 0.048	510 0.059
6 x 16 Ak .59	cfm Pt	235 0.010	295 0.014	355 0.018	415 0.028	475 0.037	530 0.047	590 0.061
6 x 18 Ak .69	cfm Pt	275 0.009	345 0.014	415 0.017	485 0.027	555 0.036	625 0.045	695 0.059
6 x 20 Ak .74	cfm Pt	295 0.008	370 0.014	445 .017	520 0.027	590 0.036	665 0.043	740 0.054
6 x 24 Ak .86	cfm Pt	345 0.007	430 0.013	515 0.017	600 0.024	690 0.033	775 0.041	860 0.052
6 x 30 Ak 1.05	cfm Pt	420 0.007	525 0.013	630 0.017	735 0.023	840 0.032	945 0.041	1050 0.048
8 x 8 Ak .40	cfm Pt	160 0.010	200 0.014	240 0.020	280 0.030	320 0.039	365 0.048	405 0.065
8 x 10 Ak .51	cfm Pt	200 0.010	255 0.014	305 0.019	355 0.029	405 0.037	455 0.047	505 0.063
8 x 12 Ak .59	cfm Pt	235 0.010	295 0.014	355 0.018	415 0.028	475 0.037	530 0.046	590 0.061
8 x 14 Ak .71	cfm Pt	270 0.008	340 0.014	410 0.017	475 0.027	545 0.036	610 0.044	680 0.055
8 x 16 Ak .78	cfm Pt	310 0.008	390 0.014	470 0.017	545 0.025	625 0.033	700 0.041	780 0.052
8 x 18 Ak .86	cfm Pt	345 0.007	430 0.013	515 0.017	600 0.024	690 0.033	775 0.041	860 0.052
8 x 20 Ak .92	cfm Pt	370 0.007	460 0.013	555 0.017	645 0.023	740 0.033	830 0.041	925 0.050

Pt (in. H2O)

8 x 24 Ak 1.13	cfm Pt	450 0.007	565 0.013	680 0.017	790 0.023	905 0.032	1015 0.040	1130 0.048
8 x 30 Ak 1.37	cfm Pt	550 0.007	685 0.012	820 0.017	960 0.023	1095 0.029	1230 0.036	1370 0.046
10 x 10 Ak .73	cfm Pt	265 0.009	330 0.014	395 0.018	460 0.028	525 0.037	590 0.046	660 0.060
10 x 12 Ak .73	cfm Pt	290 0.008	360 0.014	430 0.017	505 0.027	575 0.036	650 0.043	720 0.054
10 x 14 Ak .80	cfm Pt	320 0.007	400 0.013	480 0.017	560 0.024	640 0.033	720 0.041	800 0.052
10 x 20 Ak 1.22	cfm Pt	490 0.007	610 0.012	730 0.017	855 0.023	975 0.030	1100 0.038	1220 0.047
10 x 24 Ak 1.37	cfm Pt	550 0.007	685 0.012	820 0.017	960 0.023	1095 0.029	1235 0.036	1370 0.046
10 x 30 Ak 1.71	cfm Pt	685 0.007	855 0.010	1025 0.015	1200 0.022	1370 0.028	1540 0.035	1710 0.044
12 x 12 Ak .86	cfm Pt	345 0.007	430 0.013	515 0.017	600 0.024	690 0.033	775 0.041	860 0.052
12 x 14 Ak .98	cfm Pt	390 .007	490 0.013	590 0.017	685 0.023	785 0.032	880 0.041	980 0.052
12 x 20 Ak 1.36	cfm Pt	545 0.007	680 0.012	815 0.017	950 0.023	1090 0.030	1225 0.037	1360 0.047
12 x 24 Ak 1.68	cfm Pt	670 0.007	840 0.011	1010 0.016	1175 0.023	1345 0.028	1510 0.035	1680 0.044
12 x 30 Ak 2.12	cfm Pt	850 0.007	1060 0.010	1270 0.015	1485 0.021	1695 0.026	1910 0.033	2120 0.040
14 x 14 Ak 1.18	cfm Pt	470 0.007	590 0.012	710 0.017	825 0.023	945 0.031	1060 0.039	1180 0.048
14 x 20 Ak 1.62	cfm Pt	650 0.007	810 0.011	970 0.016	1135 0.023	1295 0.028	1460 0.035	1620 0.045
14 x 24 Ak 1.96	cfm Pt	785 0.007	980 0.010	1175 0.015	1375 0.021	1570 0.026	1765 0.033	1960 0.040
16 x 30 Ak 2.65	cfm Pt	1060 0.006	1325 0.010	1590 0.014	1855 0.019	2120 0.024	2385 0.030	2650 0.038
20 x 20 Ak 2.36	cfm Pt	945 0.007	1180 0.010	1415 0.014	1650 0.020	1890 0.025	2125 0.032	2360 0.039
20 x 26 Ak 2.80	cfm Pt	1120 0.006	1400 0.009	1680 0.013	1960 0.018	2240 0.024	2520 0.029	2800 0.037

Pt (in. H₂O)



800-835-2830
P.O. BOX 1138 • WICHITA, KANSAS 67201
(316)943-2351 • FAX (316) 943-2717
info@metal-fabinc.com • www.metal-fabinc.com