

SERIES XG-DG PERFORMANCE DATA
MODELS XG-DGSF, XG-DGDF

Size	Velocity	200	300	400	500	600	700	800	900	1000
	Ps	.024	.055	.097	.151	.218	.297	.388	.491	.606
6 x 6	CFM	50	75	100	125	150	175	200	225	250
	NC	<15	19	23	26	29	32	34	37	39
8 x 6	CFM	67	100	133	167	200	233	267	300	333
	NC	16	20	24	27	30	33	36	38	40
8 x 8	CFM	89	133	178	222	267	311	356	400	444
	NC	17	22	25	29	32	34	37	39	42
10 x 6	CFM	83	125	167	208	250	292	333	375	417
	NC	17	21	25	28	31	34	37	39	41
10 x 8	CFM	111	167	222	278	333	389	444	500	556
	NC	18	23	26	30	32	35	38	40	43
10 x 10	CFM	139	208	278	347	417	486	556	625	694
	NC	19	24	27	30	33	36	39	41	44
12 x 10	CFM	1678	250	333	417	500	583	667	750	833
	NC	20	24	28	31	34	37	40	42	44
12 x 12	CFM	200	300	400	500	600	700	800	900	1000
	NC	21	25	29	32	35	38	40	43	45
14 x 12	CFM	233	350	467	583	700	817	933	1050	1167
	NC	21	26	29	33	36	38	41	43	46
14 x 14	CFM	272	408	544	681	817	953	1089	1225	1361
	NC	22	26	30	33	36	39	42	44	46
16 x 12	CFM	267	400	533	667	800	933	1067	1200	1333
	NC	22	26	30	33	36	39	42	44	46
16 x 16	CFM	356	533	711	889	1067	1244	1422	1600	1778
	NC	23	28	31	35	38	40	43	45	48
18 x 12	CFM	300	450	600	750	900	1050	1200	1350	1500
	NC	23	27	31	34	37	40	42	45	47
18 x 18	CFM	450	675	900	1125	1350	1575	1800	2025	2250
	NC	24	29	32	36	39	41	44	46	49
20 x 12	CFM	333	500	667	833	1000	1167	1333	1500	1667
	NC	23	27	31	34	37	40	43	45	47
20 x 20	CFM	556	833	1111	1389	1667	1944	2222	2500	2778
	NC	25	30	33	36	39	42	45	47	50
24 x 12	CFM	400	600	800	1000	1200	1400	1600	1800	2000
	NC	24	28	32	35	38	41	43	46	48
24 x 18	CFM	600	900	1200	1500	1800	2100	2400	2700	3000
	NC	26	30	34	37	40	43	45	48	50
24 x 24	CFM	800	1200	1600	2000	2400	2800	3200	3600	4000
	NC	27	31	35	38	41	44	46	49	51
30 x 12	CFM	500	750	1000	1250	1500	1750	2000	2250	2500
	NC	25	29	33	36	39	42	44	47	49
30 x 20	CFM	833	1250	1667	2083	2500	2917	3333	3750	4167
	NC	27	31	35	38	41	44	47	49	51
30 x 24	CFM	1000	1500	2000	2500	3000	3500	4000	4500	5000
	NC	28	32	36	39	42	45	47	50	52
30 x 30	CFM	1250	1875	2500	3125	3750	4375	5000	5625	6250
	NC	29	33	37	40	43	46	48	51	53
	Throw	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

PERFORMANCE NOTES FOR SERIES XG-DG

All data is tested in accordance with ANSI/ASHRAE 70-2006.

DEFINITION OF UNITS

Ps Static pressure = $P_t - P_v$ (inches of water column)

NC Noise criterion, sound pressure level NC ratings are based on sound power level (L_w) re: 10^{-12} watts minus a 10dB room attenuation in all octave bands

Throw Non-isothermal horizontal throw (supply air temperature 15°F colder than average room temperature); values are for 150, 100 and 50fpm velocities

Velocity fpm (Feet per Minute)

CFM Cubic Feet per Minute (Air)