

DISPLACEMENT VENTILATION PERFORMANCE DATA
MODEL XG-DD-REC 2W LEFT-RIGHT

Unit Size (w x h)	Inlet Size	Neck Velocity	200	300	400	500	600	700	800
		Velocity Pressure	0.002	0.006	0.010	0.016	0.022	0.031	0.040
24"x24"	8" Dia.	CFM	70	105	140	175	210	245	280
		Static Pressure	0.013	0.028	0.051	0.082	0.121	0.168	0.223
		Throw	4	6	8	9	11	13	15
		NC	10	13	16	19	23	26	29
24"x48"	10" Dia.	CFM	110	165	220	275	330	385	440
		Static Pressure	0.009	0.018	0.031	0.050	0.073	0.101	0.134
		Throw	3	5	6	7	9	10	12
		NC	9	11	14	16	19	21	23
36"x36"	10" Dia.	CFM	110	165	220	275	330	385	440
		Static Pressure	0.007	0.015	0.027	0.04	0.055	0.077	0.107
		Throw	3	5	5	6	8	10	10
		NC	8	11	13	14	16	19	22
48"x24"	10" Dia.	CFM	110	165	220	275	330	385	440
		Static Pressure	0.009	0.018	0.031	0.050	0.073	0.101	0.134
		Throw	3	5	6	7	9	10	12
		NC	9	11	14	16	19	21	23
60"x24"	10" Dia.	CFM	110	165	220	275	330	385	440
		Static Pressure	0.007	0.012	0.020	0.031	0.046	0.063	0.083
		Throw	3	4	5	6	7	8	9
		NC	8	10	12	14	16	18	20
36"x48"	12" Dia.	CFM	155	235	315	395	470	550	630
		Static Pressure	0.009	0.016	0.028	0.045	0.065	0.091	0.121
		Throw	3	5	6	7	8	10	11
		NC	8	11	13	16	18	20	23
36"x60"	12" Dia.	CFM	157	236	314	393	471	550	628
		Static Pressure	0.007	0.011	0.018	0.028	0.041	0.057	0.075
		Throw	3	4	5	6	7	8	9
		NC	8	9	11	13	15	17	19
48"x36"	12" Dia.	CFM	157	236	314	393	471	550	628
		Static Pressure	0.009	0.016	0.028	0.045	0.066	0.091	0.121
		Throw	3	5	6	7	8	10	11
		NC	8	11	13	15	18	20	22

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Unit Size (w x h)	Inlet Size	Neck Velocity	200	300	400	500	600	700	800
		Velocity Pressure	0.002	0.006	0.010	0.016	0.022	0.031	0.040
24"x24"	16"x6"	CFM	135	200	265	335	400	465	535
		Static Pressure	0.006	0.018	0.039	0.070	0.108	0.154	0.212
		Throw	7	11	14	17	21	24	27
		NC	11	15	18	22	25	29	32
24"x48"	16"x8"	CFM	180	265	355	445	535	620	710
		Static Pressure	0.008	0.017	0.034	0.057	0.086	0.120	0.163
		Throw	5	7	9	12	14	16	18
		NC	9	11	13	16	18	20	23
24"x60"	18"x8"	CFM	200	300	400	500	600	700	800
		Static Pressure	0.006	0.014	0.027	0.044	0.068	0.096	0.129
		Throw	5	7	9	11	13	15	17
		NC	8	10	12	15	17	19	21
48"x24"	16"x8"	CFM	180	265	355	445	535	620	710
		Static Pressure	0.008	0.017	0.034	0.057	0.086	0.120	0.163
		Throw	5	7	9	12	14	16	18
		NC	9	11	13	16	18	20	23

PERFORMANCE NOTES FOR MODEL XG-DD-REC 2W LEFT-RIGHT

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

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

Static Pressure Total pressure (inches of water column)

Throw Distance in feet @50fpm terminal velocity with 10°FΔT cooling differential.

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