

DISPLACEMENT VENTILATION PERFORMANCE DATA
MODEL XG-DD-REC 1W

Unit Size (w x h)	Inlet Size	Neck Velocity	200	300	400	500	600	700	800
		Velocity Pressure	0.002	0.006	0.01	0.016	0.022	0.031	0.04
24"x24"	8" Dia.	CFM	70	105	140	175	210	245	280
		P _t	0.015	0.030	0.050	0.079	0.109	0.144	0.182
		Throw	1	3	4	4	6	8	10
		NC	-	-	-	-	-	11	14
24"x36"	8" Dia.	CFM	70	105	140	175	210	245	280
		P _t	0.014	0.025	0.046	0.076	0.105	0.144	0.190
		Throw	1	2	3	4	5	6	7
		NC	-	-	-	-	-	-	-
24"x48"	8" Dia.	CFM	110	165	220	275	330	380	440
		P _t	0.011	0.025	0.044	0.069	0.100	0.132	0.177
		Throw	1	2	3	4	4	6	6
		NC	-	-	-	-	-	-	-
24"x60"	10" Dia.	CFM	110	165	220	275	330	380	440
		P _t	0.011	0.025	0.044	0.069	0.100	0.132	0.177
		Throw	2	3	5	5	6	7	8
		NC	-	-	-	-	-	-	-
36"x24"	10" Dia.	CFM	110	165	220	275	330	380	440
		P _t	0.011	0.025	0.044	0.069	0.100	0.132	0.177
		Throw	3	4	6	5	10	8	9
		NC	-	-	-	-	-	12	15
36"x36"	10" Dia.	CFM	110	165	220	275	330	380	440
		P _t	0.012	0.025	0.047	0.073	0.100	0.134	0.177
		Throw	3	4	5	5	9	8	9
		NC	-	-	-	-	-	-	-
36"x48"	10" Dia.	CFM	160	240	320	400	470	550	630
		P _t	0.011	0.025	0.045	0.071	0.098	0.134	0.175
		Throw	6	9	12	15	18	21	23
		NC	-	-	-	-	-	-	-
36"x60"	10" Dia.	CFM	160	240	320	400	470	550	630
		P _t	0.014	0.031	0.054	0.085	0.117	0.160	0.210
		Throw	5	8	10	14	16	20	21
		NC	-	-	-	-	-	-	-

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		Velocity Pressure	0.002	0.006	0.01	0.016	0.022	0.031	0.04
48"x24"	10" Dia.	CFM	110	165	220	275	330	380	440
		P _t	0.011	0.023	0.047	0.068	0.106	0.138	0.175
		Throw	1	3	3	7	12	13	14
		NC	-	-	-	-	-	13	15
48"x36"	10" Dia.	CFM	110	165	220	275	330	380	440
		P _t	0.011	0.025	0.044	0.069	0.100	0.132	0.177
		Throw	1	2	2	5	10	11	12
		NC	-	-	-	-	-	-	-
48"x72"	12" Dia.	CFM	160	240	320	400	470	550	630
		P _t	0.011	0.025	0.045	0.071	0.098	0.134	0.175
		Throw	4	8	10	11	13	15	17
		NC	-	-	-	-	-	-	-
48"x72"	24"x8"	CFM	265	395	530	665	790	930	1065
		P _t	0.011	0.024	0.043	0.068	0.096	0.132	0.174
		Throw	7	11	15	17	22	23	27
		NC	-	-	-	-	13	18	21

PERFORMANCE NOTES FOR MODEL XG-DD-REC 1W

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

DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

P_t 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