

DISPLACEMENT VENTILATION PERFORMANCE DATA
MODEL XG-DD-RD-360

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
18"x36"	14" Dia.	CFM	215	320	430	535	640	750	855
		P _t	0.004	0.009	0.017	0.026	0.037	0.051	0.066
		Throw	5	8	9	10	11	13	14
		NC	-	-	-	-	-	-	18
24"x36"	14" Dia.	CFM	215	320	430	535	640	750	855
		P _t	0.004	0.009	0.017	0.026	0.037	0.051	0.066
		Throw	4	6	7	8	8	10	11
		NC	-	-	-	-	-	-	16
30"x36"	14" Dia.	CFM	215	320	430	535	640	750	855
		P _t	0.004	0.009	0.017	0.026	0.037	0.051	0.066
		Throw	3	5	5	6	7	8	8
		NC	-	-	-	-	-	-	-
18"x48"	14" Dia.	CFM	215	320	430	535	640	750	855
		P _t	0.004	0.009	0.017	0.026	0.037	0.051	0.066
		Throw	4	6	7	8	8	10	11
		NC	-	-	-	-	-	-	16
24"x48"	14" Dia.	CFM	215	320	430	535	640	750	855
		P _t	0.004	0.009	0.017	0.026	0.037	0.051	0.066
		Throw	3	5	5	5	6	7	8
		NC	-	-	-	-	-	-	-
30"x48"	16" Dia.	CFM	280	420	560	700	840	975	1115
		P _t	0.004	0.009	0.017	0.026	0.037	0.050	0.066
		Throw	7	9	11	13	13	14	16
		NC	-	-	-	-	16	17	19
24"x60"	16" Dia.	CFM	280	420	560	700	840	975	1115
		P _t	0.004	0.009	0.017	0.026	0.037	0.050	0.066
		Throw	7	8	10	13	14	14	16
		NC	-	-	-	-	-	-	18
30"x60"	18" Dia.	CFM	355	530	705	885	1060	1235	1415
		P _t	0.004	0.009	0.016	0.026	0.037	0.050	0.066
		Throw	15	18	19	22	24	24	26
		NC	-	-	-	-	-	17	19

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		Velocity Pressure	0.002	0.006	0.010	0.016	0.022	0.031	0.040
36"x36"	18" Dia.	CFM	355	530	705	885	1060	1235	1415
		P_t	0.004	0.009	0.016	0.026	0.037	0.050	0.066
		Throw	11	13	14	16	17	17	19
		NC	-	-	-	-	17	20	24
36"x48"	20" Dia.	CFM	435	655	875	1090	1310	1525	1745
		P_t	0.004	0.009	0.017	0.026	0.037	0.050	0.066
		Throw	10	13	16	17	19	20	22
		NC	-	-	-	-	18	20	21

PERFORMANCE NOTES FOR MODEL XG-DD-RD-360

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