

DISPLACEMENT VENTILATION PERFORMANCE DATA
MODEL XG-DD-RD-180

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	0.04
18"x24"	6" Dia.	CFM	70	105	140	175	210	245	280
		P_t	0.004	0.010	0.017	0.027	0.038	0.049	0.064
		Throw	3	5	5	8	7	7	9
		NC	-	-	-	-	-	-	15
24"x24"	8" Dia.	CFM	70	105	140	175	210	245	280
		P_t	0.004	0.009	0.017	0.026	0.037	0.051	0.066
		Throw	5	7	8	9	11	12	13
		NC	-	-	-	-	-	-	-
24"x36"	8" Dia.	CFM	70	105	140	175	210	245	280
		P_t	0.004	0.009	0.017	0.026	0.037	0.051	0.066
		Throw	5	7	8	10	11	11	13
		NC	-	-	-	-	-	-	16
24"x48"	10" Dia.	CFM	110	165	220	275	325	380	435
		P_t	0.004	0.009	0.017	0.026	0.036	0.050	0.065
		Throw	6	9	12	14	15	16	17
		NC	-	-	-	-	-	-	16
30"x24"	10" Dia.	CFM	110	165	220	275	325	380	435
		P_t	0.004	0.009	0.017	0.026	0.036	0.050	0.065
		Throw	6	8	10	12	14	15	16
		NC	-	-	-	-	-	-	17
30"x36"	10" Dia.	CFM	110	165	220	275	325	380	435
		P_t	0.004	0.009	0.017	0.026	0.036	0.050	0.065
		Throw	9	10	12	14	17	18	22
		NC	-	-	-	-	14	22	29

PERFORMANCE NOTES FOR MODEL XG-DD-RD-180

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