

DISPLACEMENT VENTILATION PERFORMANCE DATA**MODEL XG-DD-CU 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	0.009	0.016	0.024	0.031	0.046	0.061	0.082
		Throw	3	4	5	6	7	9	10
		NC	-	-	-	-	9	14	17
24"x36"	8" Dia.	CFM	70	105	140	175	210	245	280
		P _t	0.009	0.016	0.024	0.031	0.046	0.061	0.082
		Throw	3	4	5	7	8	9	11
		NC	-	-	-	-	-	12	14
24"x48"	8" Dia.	CFM	70	105	140	175	210	245	280
		P _t	0.009	0.016	0.024	0.031	0.046	0.061	0.082
		Throw	3	4	6	-	8	9	10
		NC	-	-	-	-	-	-	13
24"x60"	8" Dia.	CFM	70	105	140	175	210	245	280
		P _t	0.009	0.016	0.024	0.031	0.046	0.061	0.082
		Throw	3	4	6	7	8	10	11
		NC	-	-	-	-	-	-	12
24"x72"	8" Dia.	CFM	70	105	140	175	210	245	280
		P _t	0.009	0.016	0.024	0.031	0.046	0.061	0.082
		Throw	3	4	6	8	9	9	11
		NC	-	-	-	-	-	-	-
30"x24"	8" Dia.	CFM	70	105	140	175	210	245	280
		P _t	0.009	0.016	0.024	0.031	0.046	0.061	0.082
		Throw	3	4	5	6	6	8	9
		NC	-	-	-	-	-	17	12
30"x36"	8" Dia.	CFM	70	105	140	175	210	245	280
		P _t	0.009	0.016	0.024	0.031	0.046	0.061	0.082
		Throw	3	4	5	5	7	8	9
		NC	-	-	-	-	-	11	10
30"x48"	8" Dia.	CFM	70	105	140	175	210	245	280
		P _t	0.009	0.016	0.024	0.031	0.046	0.061	0.082
		Throw	3	4	5	5	7	8	9
		NC	-	-	-	-	-	-	-

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		Velocity Pressure	0.002	0.006	0.01	0.016	0.022	0.031	0.04
30"x60"	10" Dia.	CFM	110	165	215	270	325	380	435
		P _t	0.008	0.014	0.023	0.031	0.047	0.064	0.080
		Throw	4	5	7	9	10	11	12
		NC	-	-	-	-	-	-	-
30"x72"	10" Dia.	CFM	110	165	215	270	325	380	435
		P _t	0.008	0.014	0.023	0.031	0.047	0.064	0.080
		Throw	4	5	7	9	10	11	11
		NC	-	-	-	-	-	16	22
36"x24"	10" Dia.	CFM	110	165	215	270	325	380	435
		P _t	0.008	0.014	0.023	0.031	0.047	0.064	0.080
		Throw	4	5	6	8	9	9	11
		NC	-	-	-	-	-	16	22
36"x36"	10" Dia.	CFM	110	165	215	270	325	380	435
		P _t	0.008	0.014	0.023	0.031	0.047	0.064	0.080
		Throw	4	5	6	8	9	10	11
		NC	-	-	-	-	-	11	16
36"x48"	10" Dia.	CFM	110	165	215	270	325	380	435
		P _t	0.008	0.014	0.023	0.031	0.047	0.064	0.080
		Throw	4	6	6	8	9	10	12
		NC	-	-	-	-	-	-	11
36"x60"	12" Dia.	CFM	160	235	315	395	475	550	630
		P _t	0.007	0.013	0.022	0.034	0.051	0.069	0.082
		Throw	4	5	8	10	19	16	15
		NC	-	-	-	-	-	12	16
36"x72"	12" Dia.	CFM	160	235	315	395	475	550	630
		P _t	0.007	0.035	0.063	0.098	0.143	0.193	0.245
		Throw	-	-	-	-	-	-	-
		NC	-	-	-	-	-	-	14

PERFORMANCE NOTES FOR MODEL XG-DD-CU 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