

DISPLACEMENT VENTILATION PERFORMANCE DATA
MODEL XG-DD-WALL FM

Unit Size (D x H)	Neck Velocity	20	30	40	50
	Velocity Pressure	0.000	0.000	0.000	0.001
24"x 4"	CFM	15	20	25	35
	P_t	0.001	0.001	0.002	0.005
	Throw	-	2	4	8
	NC	-	-	-	-
24"x 6"	CFM	20	30	120	135
	P_t	0.001	0.001	0.003	0.004
	Throw	-	3	7	9
	NC	-	-	-	-
24"x 8"	CFM	25	40	55	65
	P_t	0.001	0.001	0.003	0.004
	Throw	-	4	8	11
	NC	-	-	-	-
30"x 4"	CFM	15	25	35	40
	P_t	0.001	0.001	0.003	0.004
	Throw	-	3	7	9
	NC	-	-	-	-
30"x 6"	CFM	25	40	50	65
	P_t	0.001	0.002	0.003	0.004
	Throw	-	4	9	11
	NC	-	-	-	-
30"x 8"	CFM	35	50	65	85
	P_t	0.001	0.001	0.002	0.004
	Throw	2	6	10	12
	NC	-	-	-	-
36"x 4"	CFM	20	30	40	50
	P_t	0.001	0.001	0.003	0.004
	Throw	-	4	8	11
	NC	-	-	-	-
36"x 6"	CFM	30	45	60	75
	P_t	0.001	0.001	0.003	0.004
	Throw	2	7	10	14
	NC	-	-	-	-

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	Velocity Pressure	0.000	0.000	0.000	0.001
48" x 12"	CFM	80	120	160	200
	P_t	0.001	0.001	0.003	0.004
	Throw	7	12	16	21
	NC	-	-	-	-
24" x 24"	CFM	80	120	160	200
	P_t	0.001	0.001	0.003	0.004
	Throw	4	10	14	17
	NC	-	-	-	-
24" x 30"	CFM	100	150	200	250
	P_t	0.001	0.001	0.003	0.004
	Throw	6	11	15	19
	NC	-	-	-	-
24" x 36"	CFM	120	180	240	300
	P_t	0.007	0.016	0.029	0.046
	Throw	7	11	16	21
	NC	-	-	-	-
24" x 48"	CFM	160	240	320	400
	P_t	0.010	0.024	0.042	0.066
	Throw	8	14	17	27
	NC	-	-	-	-
30" x 24"	CFM	100	150	200	250
	P_t	0.019	0.042	0.075	0.117
	Throw	7	11	16	21
	NC	-	-	-	-
36" x 24"	CFM	120	180	240	300
	P_t	0.007	0.016	0.029	0.046
	Throw	8	14	17	23
	NC	-	-	-	-
48" x 24"	CFM	160	240	320	400
	P_t	0.010	0.024	0.042	0.066
	Throw	10	16	23	30
	NC	-	-	-	-

PERFORMANCE NOTES FOR MODEL XG-DD-WALL FM

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