

**THERMALLY POWERED LINEAR DIFFUSER PERFORMANCE DATA**  
**MODEL XG-MVAC**

Unit Size	Inlet	CFM	Pt	Throw	NC
2 ft	8"	50	0.006	1 - 4 - 7	<15
	8"	100	0.024	2 - 6 - 10	17
	8"	150	0.052	4 - 7 - 16	24
	8"	200	0.091	11 - 13 - 18	27
	8"	250	0.152	12 - 24 - 22	35
4 ft	10"	150	0.020	2 - 4 - 10	<15
	10"	200	0.038	3 - 6 - 12	17
	10"	250	0.064	5 - 10 - 18	19
	10"	275	0.080	6 - 10 - 16	22
	10"	300	0.095	6 - 11 - 19	24
	10"	325	0.115	8 - 12 - 20	25

**PERFORMANCE NOTES FOR MODEL XG-MVAC**

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

**DEFINITION OF UNITS**

*CFM* Cubic Feet per Minute (Air)

*Ps* Static pressure =  $P_t - P_v$  (in.wg.)

*Throw* Cataloged throw is the distance in feet to the terminal velocities of 150, 100 and 50 fpm with isothermal air.

*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.