

## THERMALLY POWERED LINEAR DIFFUSER PERFORMANCE DATA

### MODEL XG-MLAD

Unit Size	Horizontal Discharge				Vertical Discharge		
	cfm	Ps	Throw	NC	cfm	Throw	NC
2 ft	50	0.030	1 - 3 - 5	<15	40	1 - 4 - 6	<15
	100	0.050	3 - 7 - 10	<15	80	2 - 4 - 8	17
	175	0.130	7 - 12 - 14	27	120	7 - 12 - 15	27
	200	0.190	10 - 15 - 20	31	160	10 - 15 - 20	32
4 ft	150	0.030	5 - 6 - 11	<15	120	1 - 4 - 5	<15
	200	0.050	5 - 7 - 14	16	160	3 - 5 - 11	17
	250	0.070	6 - 8 - 17	21	200	4 - 6 - 12	23
	300	0.120	7 - 9 - 17	27	240	5 - 9 - 17	28
	350	0.130	8 - 11 - 20	30	280	6 - 12 - 19	30
	400	0.090	9 - 18 - 23	34	320	8 - 15 - 22	35

### PERFORMANCE NOTES FOR MODEL XG-MLAD

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.