

LOUVER FACE LINEAR DIFFUSER PERFORMANCE DATA MODEL SERIES XG-LFL

		Unit Neck Width									
1-Way	6"	CFM/LF	20	40	60	80	100	120	140	160	180
		Pt	0.004	0.014	0.032	0.057	0.088	0.127	0.173	0.226	0.286
		Throw	1-4-10	6-10-20	10-15-26	14-20-30	16-24-33	20-26-36	23-28-39	24-30-42	26-31-44
		NC	-	-	-	-	17	23	30	32	35
	9"	CFM/LF	35	65	100	132	165	198	231	264	297
		Pt	0.005	0.016	0.037	0.065	0.102	0.146	0.199	0.260	0.300
		Throw	3-6-13	9-13-26	13-19-33	17-26-39	21-30-43	26-33-47	29-36-50	31-39-54	33-41-57
		NC	-	-	-	-	21	27	34	37	40
	12"	CFM/LF	45	95	140	185	235	280	325	380	420
		Pt	0.004	0.018	0.040	0.070	0.113	0.161	0.216	0.296	0.320
		Throw	4-8-16	10-16-31	16-23-39	21-31-45	26-36-51	31-39-56	34-42-60	37-45-64	39-48-68
		NC	-	-	-	22	32	38	43	45	50
2-Way	6"	CFM/LF	17	34	51	68	85	102	119	136	153
		Pt	0.004	0.014	0.032	0.057	0.088	0.127	0.173	0.226	0.286
		Throw	1-2-9	4-9-16	9-12-21	11-16-24	14-19-27	16-21-30	19-23-32	20-24-34	21-26-36
		NC	-	-	-	-	17	20	23	26	30
	9"	CFM/LF	39	55	85	113	140	168	197	224	252
		Pt	0.005	0.016	0.037	0.065	0.102	0.146	0.199	0.260	0.300
		Throw	2-4-11	8-11-24	11-17-30	16-24-34	19-27-39	24-30-42	26-32-45	28-34-49	30-36-51
		NC	-	-	-	-	17	23	29	32	35
	12"	CFM/LF	39	81	120	158	200	238	276	323	357
		Pt	0.004	0.018	0.040	0.070	0.113	0.161	0.216	0.296	0.320
		Throw	4-7-14	9-14-29	14-21-36	19-29-42	24-33-47	29-36-51	32-39-56	34-42-59	36-44-63
		NC	-	-	-	18	26	32	36	41	44

PERFORMANCE NOTES FOR MODEL SERIES XG-LFL

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

DEFINITION OF UNITS

CFM/LF Cubic Feet per Minute (air) / per Linear Ft.

Pt 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