

**SERIES XG-2000 PERFORMANCE DATA**  
**MODEL XG-2700 (0° AND 15° DEFLECTION)**

Listed Width (in inches)	Outlet Velocity (V/k)	500	700	900	1000	1100	1200	1300
	Total Pressure (Pt)	.016	.031	.051	.062	.076	.090	.105
	Static Pressure (Ps)	.012	.024	.040	.050	.060	.072	.084
	NC	-	15	20	23	26	29	31
1.5 .062	Flow CFM / FT	31	43	56	62	68	74	81
	Throw Sill or Floor	6-9	9-13	10-14	11-16	13-18	13-19	14-20
	Throw Side Wall	8-11	11-16	13-18	14-20	15-22	17-24	17-25
2 .086	Flow CFM / FT	43	60	77	86	95	103	112
	Throw Sill or Floor	5-8	8-12	10-14	11-16	13-18	13-19	14-20
	Throw Side Wall	7-10	10-15	13-18	14-20	15-22	17-24	17-25
2.5 .110	Flow CFM / FT	55	77	99	110	121	132	143
	Throw Sill or Floor	6-9	9-13	11-16	13-18	13-19	15-21	15-22
	Throw Side Wall	8-11	11-16	14-20	16-23	17-24	18-26	20-28
3 .130	Flow CFM / FT	65	91	117	130	143	156	169
	Throw Sill or Floor	7-10	10-15	13-18	15-21	15-22	17-24	18-26
	Throw Side Wall	9-13	13-18	15-22	17-25	18-26	20-28	21-30
3.5 .152	Flow CFM / FT	76	106	137	152	167	182	198
	Throw Sill or Floor	7-10	10-15	13-18	15-21	15-22	17-24	18-26
	Throw Side Wall	10-14	13-18	16-23	18-26	20-26	21-30	21-30
4 .176	Flow CFM / FT	88	123	158	176	194	211	229
	Throw Sill or Floor	8-11	12-16	14-20	16-23	18-26	19-27	20-29
	Throw Side Wall	10-14	15-22	17-25	20-29	22-32	24-34	25-36
5 .220	Flow CFM / FT	110	154	198	220	242	264	286
	Throw Sill or Floor	8-12	13-18	15-21	17-24	18-26	19-27	21-30
	Throw Side Wall	10-15	15-22	19-27	22-31	23-33	24-35	27-38
6 .265	Flow CFM / FT	133	186	239	265	292	318	345
	Throw Sill or Floor	8-12	13-18	15-22	17-25	18-26	20-28	21-30
	Throw Side Wall	10-15	15-22	19-27	22-31	23-33	24-35	27-38
8 .356	Flow CFM / FT	178	249	320	356	392		
	Throw Sill or Floor	10-14	13-19	15-22	18-26	19-27		
	Throw Side Wall	12-17	17-24	20-28	23-33	24-34		
10 .446	Flow CFM / FT	223	312	401	446			
	Throw Sill or Floor	10-15	15-22	18-26	21-30			
	Throw Side Wall	13-19	20-28	23-33	26-37			
12 .536	Flow CFM / FT	268	375	482				
	Throw Sill or Floor	12-17	22-31	21-33				
	Throw Side Wall	15-21	24-35	27-38				

**SERIES XG-2000 PERFORMANCE DATA**  
**MODEL XG-2700 (30° DEFLECTION)**

Listed Width (in inches)	Outlet Velocity (V/k)	500	700	900	1000	1100	1200	1300
	Total Pressure (Pt)	.016	.031	.051	.062	.076	.090	.105
	Static Pressure (Ps)	.012	.024	.040	.050	.060	.072	.084
	NC	-	15	20	23	26	29	31
1.5 .062	Flow CFM / FT	35	49	64	71	78	84	92
	Throw Sill or Floor	5-8	8-12	10-14	11-16	13-18	13-19	14-20
	Throw Side Wall	7-9	10-14	12-16	14-20	15-22	17-24	17-25
2 .086	Flow CFM / FT	49	68	88	98	108	118	128
	Throw Sill or Floor	6-9	9-13	10-14	11-16	13-18	13-19	14-20
	Throw Side Wall	8-10	10-15	13-18	15-21	16-23	17-27	18-26
2.5 .110	Flow CFM / FT	63	88	113	126	138	151	163
	Throw Sill or Floor	6-9	9-13	11-16	13-18	13-19	15-21	15-22
	Throw Side Wall	8-11	11-16	14-60	16-23	17-24	18-26	20-28
3 .130	Flow CFM / FT	74	104	133	148	163	178	193
	Throw Sill or Floor	7-10	10-14	13-18	15-21	15-22	17-24	18-26
	Throw Side Wall	8-12	13-18	15-22	17-25	18-26	20-28	21-30
3.5 .152	Flow CFM / FT	87	121	156	173	191	208	226
	Throw Sill or Floor	7-10	10-15	13-18	14-20	15-21	15-22	17-24
	Throw Side Wall	8-12	13-19	16-23	18-26	20-28	21-30	22-32
4 .176	Flow CFM / FT	100	140	180	201	221	241	261
	Throw Sill or Floor	8-11	13-18	15-21	17-24	18-26	19-27	21-30
	Throw Side Wall	10-14	15-22	17-25	20-29	22-32	24-34	25-36
5 .220	Flow CFM / FT	126	176	226	251	276	301	326
	Throw Sill or Floor	8-12	13-18	15-22	17-25	18-26	20-28	21-30
	Throw Side Wall	10-15	15-22	19-27	22-31	23-33	24-35	27-38
6 .265	Flow CFM / FT	151	212	272	302	333	363	393
	Throw Sill or Floor	9-13	13-18	15-22	17-25	18-26	20-28	21-30
	Throw Side Wall	10-15	15-22	19-27	22-31	23-33	24-35	27-38
8 .356	Flow CFM / FT	203	284	366	406	447		
	Throw Sill or Floor	10-14	13-19	15-22	18-26	19-27		
	Throw Side Wall	12-17	17-24	20-28	23-33	24-34		
10 .446	Flow CFM / FT	254	356	458	509			
	Throw Sill or Floor	10-15	15-22	18-26	21-30			
	Throw Side Wall	13-19	20-28	23-33	26-37			
12 .536	Flow CFM / FT	306	428	550				
	Throw Sill or Floor	12-17	22-31	21-30				
	Throw Side Wall	15-21	24-35	27-38				

## PERFORMANCE NOTES FOR SERIES XG-2000

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

### DEFINITION OF UNITS

CFM Cubic Feet per Minute (air)

VK Outlet Velocity

Pt Total pressure (inches of water column)

Ps Static pressure =  $P_t - P_v$  (inches of water column)

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

Throw Total distance (in feet) covered by an airstream before its maximum velocity falls to a preselected terminal level (Vt) of 150fpm and 50fpm respectively.