

**XG-EP5700 PERFORMANCE DATA**  
**MODEL XG-EP5700**

Neck Size	Neck Velocity		400	500	600	700	800	900	1000	1200	1400	1600	
6"	Core Area	CFM	79	98	118	137	157	177	196	236	275	314	
	Ac	Ps	0.003	0.005	0.007	0.01	0.013	0.016	0.02	0.029	0.039	0.051	
	0.1975	NC	<15	<15	<15	<15	<15	<15	16	19	23	27	30
		Throw	<2-<2-<2	<2-<2-<2	<2-<2-4	<2-2-6	2-3-8	2-4-9	2-6-11	3-7-13	4-9-15	4-11-17	
8"	Core Area	CFM	140	175	209	244	279	314	349	419	489	559	
	Ac	Ps	0.006	0.009	0.013	0.018	0.023	0.03	0.037	0.053	0.072	0.094	
	0.35	NC	<15	<15	<15	<15	16	20	23	30	35	40	
		Throw	<2-<2-<2	<2-<2-2	<2-<2-5	<2-2-7	<2-3-10	2-4-11	3-6-13	4-8-15	5-10-18	6-12-20	
10"	Core Area	CFM	218	273	327	382	436	491	545	654	764	873	
	Ac	Ps	0.009	0.014	0.02	0.027	0.035	0.045	0.055	0.079	0.108	0.141	
	0.545	NC	<15	<15	<15	<15	18	23	28	36	42	48	
		Throw	<2-<2-<2	<2-<2-4	<2-<2-7	<2-3-10	2-5-12	3-6-14	4-8-15	5-10-18	7-12-21	8-14-23	
12"	Core Area	CFM	314	393	471	550	628	707	785	942	1100	1257	
	Ac	Ps	0.012	0.018	0.026	0.036	0.047	0.059	0.073	0.105	0.143	0.186	
	0.785	NC	<15	<15	<15	15	21	26	31	39	46	>50	
		Throw	<2-<2-5	<2-<2-8	2-4-11	3-6-14	4-9-16	5-10-18	6-12-19	7-14-22	9-16-25	10-18-27	
14"	Core Area	CFM	428	535	641	748	855	962	1069	1283	1497	1710	
	Ac	Ps	0.014	0.022	0.031	0.043	0.056	0.07	0.087	0.125	0.17	0.223	
	1.07	NC	<15	<15	<15	17	22	27	31	38	44	49	
		Throw	3-6-12	5-8-15	6-11-18	7-13-20	8-15-21	9-16-23	10-18-24	11-20-27	12-22-29	13-24-30	

**PERFORMANCE NOTES FOR SERIES XG-EP5700**

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

**DEFINITION OF UNITS**

CFM Cubic Feet per Minute (air volume)

Nk Vel Neck velocity is the airstream velocity in the duct just before it reaches the supply outlet.

fpm Velocity of air stream in Feet per Minute

Throw Throw distance in feet are for the terminal velocities of 150fpm, 100fpm and 50fpm respectively.

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

Ac Core Area in square feet