

Pn Neck Velocity fpm:	200	300	400	500	600	700
Pk Outlet Velocity fpm:	450	450	900	1125	1350	4575
Pt Total Pressure:	0.013	0.028	0.05	0.079	0.114	0.115

Neck Size	Neck Area	Effective Area AK <small>Measured in SQ. Feet</small>	Side Designation	A		B		A		B		A		B		A		B		
				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
6" x 6"	0.25	0.112	CFM	50		75		101		126		151		176						
			NC	<20		<20		<20		20		27		31						
			4-Way Throw	2-3		3-4		3-4		4-5		4-6		5-7		6-8				
			3-Way Throw	2-3	3-4	3-4	4-6	4-5	6-7	4-6	6-8	5-7	7-10	6-8	8-12					
			2-Way Throw	3-4		4-6		6-7		6-8		7-10		8-12						
			1-Way Throw	4-6		8-10		8-10		8-12		10-14		12-15						
8" x 8"	0.44	0.196	CFM	91		131		175		221		268		311						
			NC	<20		<20		<20		24		28		34						
			4-Way Throw	3-4		4-5		5-7		6-8		6-10		7-10						
			3-Way Throw	3-4	4-6	4-5	6-8	5-7	7-11	6-8	8-12	6-10	8-14	7-10	10-16					
			2-Way Throw	4-6		6-8		7-11		8-12		8-14		10-16						
			1-Way Throw	6-8		8-10		10-14		12-16		12-18		15-20						
10" x 10"	0.69	0.312	CFM	142		207		276		346		416		487						
			NC	<20		<20		<20		24		28		34						
			4-Way Throw	4-6		5-7		6-9		7-10		8-12		9-13						
			3-Way Throw	4-6	6-7	5-7	7-10	6-9	8-13	7-10	10-14	8-12	11-17	9-13	13-18					
			2-Way Throw	6-7		7-10		8-13		10-14		11-17		14-18						
			1-Way Throw	8-10		10-14		12-18		14-20		16-24		18-26						
12" x 12"	1	0.444	CFM	200		300		400		500		600		700						
			NC	<20		<20		<20		25		31		36						
			4-Way Throw	4-6		6-8		7-10		8-12		9-14		10-15						
			3-Way Throw	4-6	6-8	6-8	8-11	7-10	10-14	8-12	11-17	9-14	13-20	10-15	14-21					
			2-Way Throw	6-8		8-11		10-14		11-17		13-20		14-21						
			1-Way Throw	8-12		12-16		14-20		16-24		18-28		20-30						
14" x 14"	1.36	0.604	CFM	272		406		545		681		816		951						
			NC	<20		<20		22		27		34		38						
			4-Way Throw	5-7		7-10		8-12		10-14		11-17		12-18						
			3-Way Throw	5-7	7-10	7-10	10-14	8-12	11-17	10-14	14-20	11-17	16-24	12-19	18-25					
			2-Way Throw	7-11		10-14		11-17		14-20		16-24		17-25						
			1-Way Throw	10-14		14-20		16-24		20-28		22-34		24-36						
16" x 16"	1.78	0.792	CFM	356		532		711		885		1071		1246						
			NC	20		21		21		27		32		38						
			4-Way Throw	6-8		8-12		9-14		12-16		12-20		14-20						
			3-Way Throw	6-8	7-12	8-12	12-16	9-14	14-20	12-16	16-22	12-20	17-27	14-20	18-28					
			2-Way Throw	7-11		12-16		14-20		16-22		17-27		18-28						
			1-Way Throw	10-16		16-22		18-28		22-32		24-38		26-40						
18" x 18"	2.25	0.996	CFM	450		671		901		1121		1345		1571						
			NC	<20		<20		22		26		34		38						
			4-Way Throw	6-9		9-12		10-15		12-18		14-21		16-24						
			3-Way Throw	6-9	8-14	9-12	13-17	10-15	14-22	12-18	18-26	14-21	18-30	16-24	22-32					
			2-Way Throw	8-14		13-17		14-22		18-26		18-30		22-32						
			1-Way Throw	12-18		18-24		20-30		24-36		28-42		40-48						
20" x 20"	2.78	1.236	CFM	556		831		1111		1392		1670		1945						
			NC	<20		<20		23		31		36		40						
			4-Way Throw	7-10		10-14		12-16		14-20		15-23		16-24						
			3-Way Throw	7-10	10-14	10-14	14-18	12-16	18-22	14-20	18-28	15-23	22-32	16-24	22-34					
			2-Way Throw	10-14		14-18		18-22		18-28		22-32		22-34						
			1-Way Throw	14-20		20-26		24-36		26-40		30-46		32-48						
22" x 22"	3.36	1.492	CFM	672		1012		1346		1682		2016		2354						
			NC	<20		<20		24		32		36		42						
			4-Way Throw	7-11		12-16		14-18		16-22		16-26		18-28						
			3-Way Throw	7-11	10-16	12-16	16-22	14-18	18-26	16-22	22-32	16-26	22-36	18-28	26-38					
			2-Way Throw	10-16		16-22		18-26		22-32		22-36		26-38						
			1-Way Throw	14-22		22-32		26-36		33-44		32-50		36-55						
24" x 24"	4	1.776	CFM	804		1204		1602		2004		2404		2806						
			NC	<20		<20		25		31		38		42						
			4-Way Throw	8-12		12-16		14-21		16-25		18-28		21-32						
			3-Way Throw	8-12	11-17	12-16	17-24	14-21	20-28	16-25	22-34	18-28	16-40	21-32	28-44					
			2-Way Throw	11-17		17-24		20-28		22-34		26-40		28-44						
			1-Way Throw	16-24		24-32		28-42		32-48		36-58		40-60						

- CFM Cubic Feet per Minute (air)
- FPM Velocity of Air in Feet per Minute
- Pn Velocity pressure at neck (inches of water column)
- Pt Total Pressure (inches of water column)
- Ps Static Pressure = Pt-Pv (inches of water column)
- Pk Outlet Velocity (inches of water column)
- Throw Horizontal throw in feet of Terminal Velocities of 150 fpm and 100 fpm with supply air 20 degrees F below room air temperature
- NC Noise criterion, sound level pressure NC ratings are based on sound power level (Lw) Re: 10E-12 watts a 10DB room attenuation in all octave bands
- AK Area Factor