

Neck Velocity	200	300	400	500	600	700	800
<b>Pk</b>	0.018	0.04	0.071	0.111	0.16	0.218	0.278
<b>Pt</b>	0.02	0.046	0.081	0.127	0.182	0.248	0.314

Neck Size	AK								
6"x 6"	0.135	<b>Total CFM</b>	52	78	100	124	154	176	200
		<b>CFM/Side A</b>	19	28	38	47	56	66	75
		<b>Throw</b>	3-6	6-9	10-16	15-22	20-28	24-33	26-35
		<b>CFM/Side B</b>	13	19	25	31	38	44	50
		<b>Throw</b>	2-4	6-8	9-15	12-21	19-27	23-32	25-34
		<b>NC</b>	-	-	13	16	21	26	31
9"x 9"	0.305	<b>Total CFM</b>	112	168	224	280	336	396	450
		<b>CFM/Side A</b>	41	63	84	105	127	148	169
		<b>Throw</b>	5-8	8-14	9-16	10-18	11-20	12-21	13-23
		<b>CFM/Side B</b>	28	42	56	70	84	99	113
		<b>Throw</b>	3-5	6-9	8-12	10-16	11-16	12-18	11-20
		<b>NC</b>	-	-	15	20	25	32	35
12"x 12"	0.542	<b>Total CFM</b>	200	300	400	500	600	700	800
		<b>CFM/Side A</b>	75	113	150	188	225	263	300
		<b>Throw</b>	9-15	11-18	12-21	14-24	15-26	16-28	17-30
		<b>CFM/Side B</b>	50	75	100	125	150	175	200
		<b>Throw</b>	5-8	6-10	9-14	12-16	13-18	15-21	16-24
		<b>NC</b>	-	-	17	25	30	35	38
15"x 15"	0.846	<b>Total CFM</b>	312	472	624	780	936	1096	1250
		<b>CFM/Side A</b>	115	176	234	293	352	410	469
		<b>Throw</b>	9-19	13-23	14-26	17-30	19-33	20-35	22-38
		<b>CFM/Side B</b>	78	118	156	195	234	274	313
		<b>Throw</b>	6-10	7-20	10-22	14-26	16-28	18-31	19-33
		<b>NC</b>	-	-	22	27	32	37	40
18"x 18"	1.217	<b>Total CFM</b>	452	675	900	1128	1352	1576	1800
		<b>CFM/Side A</b>	169	253	338	422	506	591	675
		<b>Throw</b>	10-20	16-28	18-32	21-36	23-39	24-42	26-45
		<b>CFM/Side B</b>	113	171	225	282	338	394	450
		<b>Throw</b>	9-24	13-28	17-31	20-34	21-37	23-39	24-42
		<b>NC</b>	-	-	23	28	33	38	43

**CFM** Cubic Feet per Minute (air)

**FPM** Velocity of Air in Feet per Minute

**Pv** Velocity pressure (inches of water column)

**Pt** Total Pressure (inches of water column)

**Ps** Static Pressure = Pt-Pv (inches of water column)

**Throw** Horizontal throw in feet of Terminal Velocities of 150 fpm and 50 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