

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

Neck Size	AK								
6"x 6"	0.135	Total CFM	52	78	100	124	154	176	200
		CFM/Side A	19	28	38	47	56	66	75
		Throw	3-6	6-9	10-16	15-22	20-28	24-33	26-35
		CFM/Side B	13	19	25	31	38	44	50
		Throw	2-4	6-8	9-15	12-21	19-27	23-32	25-34
		NC	-	-	13	16	21	26	31
9"x 9"	0.305	Total CFM	112	168	224	280	336	396	450
		CFM/Side A	41	63	84	105	127	148	169
		Throw	5-8	8-14	9-16	10-18	11-20	12-21	13-23
		CFM/Side B	28	42	56	70	84	99	113
		Throw	3-5	6-9	8-12	10-16	11-16	12-18	11-20
		NC	-	-	15	20	25	32	35
12"x 12"	0.542	Total CFM	200	300	400	500	600	700	800
		CFM/Side A	75	113	150	188	225	263	300
		Throw	9-15	11-18	12-21	14-24	15-26	16-28	17-30
		CFM/Side B	50	75	100	125	150	175	200
		Throw	5-8	6-10	9-14	12-16	13-18	15-21	16-24
		NC	-	-	17	25	30	35	38
15"x 15"	0.846	Total CFM	312	472	624	780	936	1096	1250
		CFM/Side A	115	176	234	293	352	410	469
		Throw	9-19	13-23	14-26	17-30	19-33	20-35	22-38
		CFM/Side B	78	118	156	195	234	274	313
		Throw	6-10	7-20	10-22	14-26	16-28	18-31	19-33
		NC	-	-	22	27	32	37	40
18"x 18"	1.217	Total CFM	452	675	900	1128	1352	1576	1800
		CFM/Side A	169	253	338	422	506	591	675
		Throw	10-20	16-28	18-32	21-36	23-39	24-42	26-45
		CFM/Side B	113	171	225	282	338	394	450
		Throw	9-24	13-28	17-31	20-34	21-37	23-39	24-42
		NC	-	-	23	28	33	38	43
21"x 21"	1.664	Total CFM	616	924	1228	1536	1840	2148	2450
		CFM/Side A	230	345	459	574	689	804	919
		Throw	12-23	19-32	22-37	24-42	26-46	29-49	31-53
		CFM/Side B	154	231	307	384	460	537	613
		Throw	6-12	10-16	12-18	15-21	17-24	19-25	27-46
		NC	-	-	24	29	34	39	40
24"x 24"	2.163	Total CFM	800	1200	1600	2000	2400	2800	3200
		CFM/Side A	300	450	600	750	900	1050	1200
		Throw	12-24	21-37	25-43	28-48	30-52	33-56	35-60
		CFM/Side B	200	300	400	500	600	700	800
		Throw	12-24	12-32	18-37	22-41	26-45	28-49	30-52
		NC	14	16	24	29	34	39	40

**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