

NECK SIZE	Ps	.006	.010	.015	.021	.031	.041	.050	.062
	Pt	.049	.091	.014	.202	.275	.360	.454	.562
	NECK VEL	300	400	500	600	700	800	900	1000
6 x 6	CFM	75	100	125	150	175	200	225	250
	THROW	6-10-12	8-11-14	10-12-15	10-11-16	11-13-20	13-21-36	11-15-22	12-15-22
	NC	<20	<20	20	25	30	34	36	40
8 x 8	CFM	132	180	225	268	312	356	400	445
	THROW	7-12-16	10-14-20	12-16-20	13-15-22	15-18-25	14-19-26	16-19-27	17-20-29
	NC	<20	<20	22	27	32	35	39	42
10 x 10	CFM	210	280	345	420	487	558	625	695
	THROW	11-15-21	14-18-25	14-19-26	17-20-28	81-25-31	20-24-33	20-24-34	23-26-36
	NC	<20	<20	23	29	33	37	40	42
12 x 12	CFM	300	400	500	600	700	800	900	1000
	THROW	13-17-24	15-19-27	17-21-32	21-25-34	23-26-38	22-28-40	24-29-43	26-33-45
	NC	<20	<20	23	29	34	37	40	44
14 x 14	CFM	409	545	688	817	956	1089	1225	1362
	THROW	16-21-28	20-22-32	20-24-36	22-28-40	26-32-45	26-33-47	29-34-48	30-36-52
	NC	<20	<20	26	30	35	38	41	44
16 x 16	CFM	532	711	890	1070	1245	1422	1600	1780
	THROW	17-22-32	21-27-37	23-29-41	26-33-45	29-36-49	30-38-52	32-39-56	33-41-60
	NC	<20	20	25	30	36	39	41	45
18 x 18	CFM	675	900	1125	1350	1575	1800	2025	2250
	THROW	20-26-38	25-30-42	26-33-42	30-36-56	33-41-55	34-41-59	36-45-66	39-46-65
	NC	<20	20	26	31	37	39	43	47
24 x 24	CFM	1200	1600	2000	2400	2800	3200	3600	4000
	THROW	24-34-49	33-40-56	18-33-70	41-49-69	42-52-74	45-56-80	50-60-84	51-62-90
	NC	<20	21		33	36	40	45	48

Test Standard

- ANSI / ASHRAE standard 70

Sound Levels

- NC is noise criteria curve that will not be exceeded at the operating point. This is determined by assuming a 10dB (ref: 10⁻¹² watts) room attenuation that is subtracted from the power levels in each of the 2nd thru 7th octave bands
- When an opposed blade damper is used, add NC adjustment as shown on page E-5

Throw

- The numbers shown are throw distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150, 100, & 50 fpm, with the jet attached to a surface.
- Terminal velocity is the air speed, in feet per minute, measured in the supply air stream.
- Velocity: Neck velocity feet per minute

Pressure

- P_t, P_s Total Pressure, static pressure inches of water, measured in the supply duct.