

W	H	Pt	0.05	0.06	0.08	0.11	0.15	0.20	0.25	0.31	0.38	0.45
8	8	CFM	80	90	100	120	140	160	180	200	210	230
		NC	<20	<20	<20	20	24	28	31	33	36	38
		4 way throw	4 5 7	4 5 7	4 6 8	5 6 9	5 7 9	6 7 10	6 7 10	6 8 11	7 8 11	7 8 12
		2 way throw	6 7 10	6 7 10	6 8 11	7 9 12	8 9 13	8 10 14	9 10 15	9 11 16	9 11 16	10 12 17
		1 way throw	8 10 14	9 10 15	9 11 16	10 12 17	11 13 18	11 14 20	12 15 21	13 16 22	13 16 23	14 17 24
12	12	CFM	180	210	230	280	320	370	410	460	510	550
		NC	<20	<20	<20	24	28	31	34	37	40	42
		4 way throw	6 7 10	7 8 11	7 8 12	8 9 13	8 10 14	9 11 15	9 11 16	10 12 17	10 12 18	11 13 18
		2 way throw	9 10 15	9 11 16	10 12 17	11 13 18	11 14 20	12 15 21	13 16 22	14 17 24	14 18 25	15 18 26
		1 way throw	12 15 21	13 16 23	14 17 24	15 18 26	16 20 28	17 21 30	18 22 31	19 24 33	20 25 35	21 26 36
16	16	CFM	330	380	420	500	580	670	750	830	920	1000
		NC	<20	<20	22	26	30	34	37	40	42	44
		4 way throw	8 10 14	9 11 15	9 11 16	10 12 17	11 13 19	12 14 20	12 15 21	13 16 22	14 17 24	14 17 25
		2 way throw	12 14 20	12 15 21	13 16 23	14 17 25	15 19 26	16 20 28	17 21 30	18 22 32	19 24 33	20 25 35
		1 way throw	16 20 28	18 21 30	18 23 32	20 25 35	22 26 37	23 28 40	25 30 43	26 32 45	27 33 47	28 35 49
20	20	CFM	530	590	660	790	920	1060	1190	1320	1450	1580
		NC	<20	21	24	28	32	36	39	42	44	46
		4 way throw	10 13 18	11 13 19	12 14 20	13 15 22	14 17 24	15 18 25	15 19 27	16 20 28	17 21 30	18 22 31
		2 way throw	15 18 25	15 19 27	16 20 28	18 22 31	19 24 33	21 25 36	22 27 38	23 28 40	24 30 42	25 31 44
		1 way throw	21 25 36	22 27 38	23 28 40	25 31 44	27 33 47	29 36 51	31 38 54	33 40 57	34 42 59	36 44 62
24	24	CFM	770	860	960	1150	1340	1530	1730	1920	2110	2300
		NC	<20	22	25	30	34	37	41	43	46	48
		4 way throw	12 15 22	13 16 23	14 17 24	15 19 26	16 20 28	18 22 30	19 23 32	20 24 34	21 25 36	22 26 37
		2 way throw	18 22 31	19 23 32	20 24 34	22 26 37	23 28 40	25 30 43	26 32 46	28 34 48	29 36 51	30 37 53
		1 way throw	25 31 43	26 32 46	28 34 48	30 37 53	33 40 57	35 43 61	37 46 65	39 48 68	41 51 71	43 53 75

TEST STANDARD

- ANSI / ASHRAE standard 70
- Isothermal conditions

THROW

- The numbers shown are throw distances, in feet, measured along the jet trajectory axis relating to terminal velocities of 150,100,& 50 fpm and include a surface effect.
- Two way throw distance is shown for 2-way opposite configuration.
- Terminal velocity is the air speed, in feet per minute, measured in the supply air stream.
- **For a free jet (no surface effect), throws are 70% of the table values above.**

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
- **For 1-Way diffuser, deduct 2 NC from the data shown in the table.**

PRESSURE

- P_t represents total pressure, inches of water, for supply.
- P_s static pressure can be calculated by subtracting the Velocity pressure from the Total Pressure (P_t), inches of water
- All pressures are stated and calculated in inches of water.
- For 1-Way diffuser, reduce Total Pressure, P_t = Table Value x .80