

Jet Diffusers - Eyeball Type

1.3 Air Flow Data

Size in mm dia	Neck Velocity fpm	500	600	700	800	900	1000	1100
160	L/s	12	15	18	21	24	26	28
	P _s (Pa)	4.22	5.30	6.28	8.53	11.08	12.70	14.44
	Throw	12.1 - 18.4	14.1 - 21.3	16.1 - 24	18.7 - 28.2	21.7 - 32.5	23.3 - 35.1	25.3 - 37.7
	NC	< 15	< 15	< 15	15	17	18	18
200	L/s	22	25	30	35	40	44	50
	P _s (Pa)	6.23	7.55	10.24	13.10	15.58	18.22	23.20
	Throw	16.7 - 24.9	18.7 - 28.2	22.3 - 33.5	25.9 - 39	28.9 - 43.3	31.5 - 47.2	36.4 - 54.8
	NC	< 15	< 15	<15	16	18	18	18
250	L/s	34	41	48	54	61	68	75
	P _s (Pa)	4.37	5.99	7.80	9.49	11.64	13.96	16.46
	Throw	21 - 31.5	25.3 - 37.7	29.2 - 44	32.8 - 49.2	36.7 - 55.4	41 - 61.4	44.9 - 67.6
	NC	< 15	< 15	16	16	17	19	22
315	L/s	57	68	80	92	102	115	125
	P _s (Pa)	6.47	8.54	11.04	13.76	16.19	19.55	22.30
	Throw	22.3 - 32.2	25.3 - 38.1	29.5 - 44	33.8 - 50.5	37.1 - 55.8	41.7 - 62.3	44.9 - 67.6
	NC	< 15	< 15	18	17	18	20	20
400	L/s	127	152	182	217	252	287	323
	P _s (Pa)	7.94	10.79	13.63	16.08	18.53	21.38	24.22
	Throw	22.3 - 33.1	30.2 - 41	38.4 - 48.9	46.6 - 57.1	55.1 - 65.6	63.6 - 73.8	72.2 - 82
	NC	< 15	< 15	<15	17	17	19	21

- Neck Velocity is measured in fpm.
- P_s : Static pressure drop in Pascal.
- Throw (ft) is measured for terminal velocities of 1.5 & 0.8 ft/s.
- Noise Criteria (NC) based on room attenuation of 10 dB.