Jet Diffusers - Eyeball Type

1.4 Air Flow Data

Size in mm dia	Neck Velocity fpm	1200	1400	1500	1600	1700	1800	1900
160	L/s	30	35	37	40	43	45	48
	P_s (Pa)	17.17	22.56	23.54	27.46	29.42	33.34	35.30
	Throw	27.9 - 42	32.5 - 48.9	34.4 - 51.5	37.1 - 55.8	39 - 58.4	41.7 - 62.7	40.4 - 65.3
	NC	19	21	22	22	22	22	25
200	L/s	55	60	64	69	73	78	82
	P_s (Pa)	27.04	31.08	34.32	37.27	42.17	47.07	50.99
	Throw	40 - 60	43.6 - 65.3	46.3 - 69.2	48.9 - 73.5	52.5 - 78.7	55.8 - 85.3	59.1 - 88.6
	NC	20	24	25	26	28	28	29
250	L/s	81	95	102	109	115	123	130
	P_s (Pa)	18.71	24.52	27.53	30.75	33.65	37.14	41.31
	Throw	48.6 - 72.5	56.4 - 84.6	60.4 - 90.6	64.3 - 96.8	67.9 - 101.7	71.9 - 107.6	76.4 - 114.5
	NC	22	24	27	28	28	28	29
315	L/s	136	141	160	181	193	205	216
	P_s (Pa)	25.48	26.66	32.91	39.62	44.23	48.26	52.43
	Throw	48.9 - 73.2	50.2 - 75.1	56.8 - 87.3	63.6 - 95.1	67.9 - 101.7	71.5 - 107.3	75.1 - 112.5
	NC	21	22	23	26	27	29	30
400	L/s	363	405	448	483	528	570	611
	P_s (Pa)	27.07	35.30	35.30	38.74	42.66	47.07	51.48
	Throw	79.1 - 89.9	83.7 - 98.4	87.6 - 105.6	92.5 - 115.5	98.8 - 121.7	107.6 - 128.3	109.3 - 131.6
	NC	25	27	27	30	30	31	31

- **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.**