

Supply Linear Slot Diffuser - 25mm Slot width

1.2 Air Flow Data

Number of slots	L/s	Face Velocity ft/s	Throw (ft)	Ps (Pa)	NC
1	35	9.91	17.4 - 10.5 - 6.2	7.65	15
	45	13.29	21.7 - 15.1 - 9.2	15.00	24
	60	16.7	25.3 - 17.4 - 12.8	24.81	27
	70	20.08	27.6 - 20.7 - 15.7	37.17	31
	85	23.46	30.8 - 23.6 - 18	39.72	35
	95	26.58	34.4 - 26.9 - 20	53.84	38
2	60	8.27	18.4 - 10.5 - 5.2	9.22	< 15
	70	9.94	21.7 - 13.5 - 7.2	13.34	17
	85	11.65	24.3 - 16.4 - 10.5	18.73	24
	95	13.19	25.3 - 18.4 - 14.8	20.89	26
	120	16.54	28.9 - 21.7 - 17.1	26.97	34
	140	19.92	32.8 - 25.9 - 19.7	38.54	37
3	70	6.66	16.1 - 9.5 - 3.9	8.14	< 15
	95	8.79	18.4 - 11.8 - 7.2	12.55	16
	105	9.94	22.6 - 14.1 - 10.8	19.22	20
	120	11.06	25.3 - 17.4 - 12.8	20.89	25
	140	13.32	28.9 - 20.7 - 15.1	26.77	30
	165	15.45	32.8 - 24.3 - 17.1	36.38	34
	190	17.72	34.8 - 25.9 - 18.4	40.70	38
4	95	6.43	18.4 - 11.8 - 6.2	7.06	< 15
	120	8.07	20.7 - 14.1 - 9.2	13.63	15
	140	9.71	23 - 16.1 - 11.8	18.83	20
	165	11.29	25.3 - 18 - 13.8	25.89	27
	190	12.93	28.5 - 21.7 - 16.1	29.13	32
	210	14.57	31.2 - 23.6 - 17.7	33.54	34
	235	16.14	32.8 - 25.3 - 19.7	40.99	37
	260	17.78	35.8 - 27.6 - 21.3	45.40	41

- Data based on one meter length of the diffuser with damper fully opened.
- Face Velocity is measured in ft/s.
- P_s : Static pressure drop in Pascal.
- Throw (ft) is measured for terminal velocities of 2.5, 1.5 & 0.8 ft/s.
- Noise Criteria (NC) based on room attenuation of 10 dB.