

Supply Linear Slot Diffuser - 20mm Slot width

1.1 Air Flow Data

Number of slots	L/s	Face Velocity ft/s	Throw (ft)	Ps (Pa)	NC
1	25	8.56	11.8 - 6.9 - 2	6.37	<15
	35	12.47	16.1 - 9.8 - 5.9	14.12	18
	45	16.77	20 - 14.1 - 8.9	25.01	28
	60	21.03	23 - 16.1 - 12.1	38.93	35
	70	25.33	24.9 - 19 - 15.1	42.86	37
	85	29.59	27.9 - 22 - 17.1	60.02	40
2	45	8.56	14.1 - 7.9 - 2	9.51	<15
	60	10.76	17.1 - 9.8 - 4.9	14.42	18
	70	12.93	20 - 12.8 - 6.9	20.79	28
	85	15.13	22 - 15.1 - 9.8	28.15	29
	95	17.13	23 - 17.1 - 14.1	36.58	31
	120	21.49	25.9 - 20 - 16.1	56.68	37
3	60	6.92	13.8 - 7.2 - 2.3	8.43	<15
	70	8.3	16.1 - 9.5 - 4.6	11.87	17
	95	11.02	18 - 12.1 - 7.9	21.28	23
	105	12.4	21.3 - 14.4 - 10.8	26.77	29
	120	13.81	24.9 - 17.4 - 13.1	32.75	32
	140	16.63	28.2 - 20.3 - 15.4	42.86	36
4	70	6.27	15.1 - 8.9 - 3.6	7.06	<15
	95	8.3	17.7 - 11.8 - 6.6	13.63	20
	120	10.4	20 - 14.8 - 10.2	19.42	25
	140	12.53	22 - 17.1 - 12.8	27.95	29
	165	14.53	25.9 - 18.4 - 14.8	37.66	33
	190	16.67	28.9 - 22 - 17.1	44.23	36

- 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.