

Supply Linear Slot Diffuser - 20mm Slot width

1.1 (Cont.) Air Flow Data

Number of slots	L/s	Face Velocity ft/s	Throw (ft)	Ps (Pa)	NC
5	120	8.33	19 - 14.1 - 8.9	14.02	22
	140	10.01	21 - 16.1 - 11.8	18.53	23
	165	11.65	22.3 - 17.4 - 12.1	27.36	27
	190	13.32	25.3 - 18 - 13.5	37.07	34
	210	15.03	27.9 - 19.4 - 15.4	41.68	33
	235	16.63	29.9 - 20.7 - 17.1	46.29	38
6	140	8.3	20 - 14.1 - 9.5	14.81	22
	165	9.68	21.7 - 17.1 - 12.8	16.08	23
	190	11.06	24 - 18 - 14.1	22.85	28
	210	12.47	24.9 - 19 - 15.1	31.48	29
	235	13.81	26.9 - 20 - 15.7	38.34	34
	285	16.57	30.2 - 22 - 17.4	46.88	40
7	165	8.33	20 - 14.1 - 9.5	15.89	21
	190	9.55	22 - 16.7 - 12.5	16.87	25
	210	10.76	23 - 17.4 - 13.1	22.85	27
	235	11.91	24.3 - 20.3 - 15.4	31.19	30
	285	14.27	28.2 - 22 - 16.4	40.21	36
	330	16.7	30.8 - 23.6 - 18.4	47.27	39
8	190	8.17	20 - 15.1 - 12.1	16.28	22
	210	9.19	22 - 16.7 - 12.5	16.87	23
	235	10.17	23.3 - 18.4 - 14.1	22.95	29
	285	12.21	24.9 - 21 - 15.4	31.77	29
	330	14.27	28.9 - 23.6 - 17.7	41.19	35
	380	16.31	31.8 - 25.6 - 19.4	47.37	40

- 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.