

Supply Linear Slot Diffuser - 25mm Slot width

1.2 (Cont.) Air Flow Data

Number of slots	L/s	Face Velocity ft/s	Throw (ft)	Ps (Pa)	NC
5	140	8.04	21.7 - 14.8 - 11.5	13.93	16
	165	9.32	22.6 - 16.1 - 11.8	21.28	21
	190	10.7	24.3 - 17.1 - 12.8	26.67	26
	210	12.04	26.2 - 19.4 - 14.8	30.79	31
	235	13.35	28.9 - 22 - 17.1	36.09	33
	260	14.7	31.5 - 24.6 - 19	40.21	36
	285	16.01	34.8 - 27.6 - 21.7	43.74	37
	305	17.36	38.1 - 28.9 - 23.3	46.39	40
6	165	7.61	22.6 - 17.1 - 12.5	14.61	16
	190	8.73	24.9 - 18.4 - 13.8	18.04	21
	210	9.84	26.2 - 19.4 - 14.8	21.67	24
	235	10.89	28.9 - 20.7 - 16.1	28.83	28
	285	13.06	30.2 - 22.3 - 17.1	36.19	31
	330	15.29	35.1 - 27.6 - 21.3	41.78	37
	380	17.45	39.4 - 29.9 - 24.3	50.31	39
7	190	7.55	23 - 17.4 - 13.1	14.81	15
	210	8.53	25.6 - 19.4 - 14.8	18.93	21
	235	9.45	25.9 - 20.3 - 15.4	21.87	23
	285	11.32	29.5 - 21.7 - 17.4	30.79	28
	330	13.26	31.5 - 23.3 - 18.4	38.93	34
	380	15.13	36.1 - 29.2 - 23	43.84	36
	425	17	40 - 30.8 - 24.6	52.37	41
8	235	8.24	23.6 - 18.4 - 13.8	17.85	17
	285	9.88	27.9 - 20.7 - 16.4	29.91	27
	330	11.55	30.5 - 22.3 - 18	31.19	29
	380	13.19	32.2 - 24.3 - 19.7	40.40	33
	425	14.83	37.1 - 30.2 - 24	45.40	38
	470	16.47	41 - 31.5 - 25.6	52.37	43

- 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.