

Supply Linear Slot Diffuser - 16mm Slot width

1.3 (Cont.) Air Flow Data

Number of slots	L/s	Face Velocity ft/s	Throw (ft)	Ps (Pa)	NC
5	70	6.46	12.1 - 6.9 - 3.3	11.38	<15
	95	8.56	13.5 - 8.2 - 4.9	16.77	22
	120	10.76	17.1 - 11.2 - 7.2	26.77	27
	140	12.93	19.7 - 13.8 - 9.2	38.83	32
	165	15.03	21 - 16.1 - 10.5	45.40	34
	190	17.23	24 - 18 - 12.1	52.76	37
6	95	7.19	12.8 - 7.9 - 4.3	13.44	17
	120	8.99	15.4 - 9.2 - 5.6	15.79	22
	140	10.83	18.4 - 11.8 - 8.2	24.12	30
	165	12.6	20.7 - 14.4 - 9.8	34.62	32
	190	14.4	22 - 17.1 - 11.5	43.93	36
	235	18.01	25.9 - 18.4 - 13.5	56.58	41
7	120	7.91	13.8 - 8.2 - 4.6	15.79	20
	140	9.51	16.1 - 10.2 - 6.2	17.85	25
	165	11.06	19.4 - 12.5 - 8.5	25.30	28
	190	12.66	21.3 - 15.4 - 10.5	36.09	31
	235	15.81	23.3 - 17.4 - 9.8	49.03	37
	285	18.93	27.2 - 19.4 - 14.1	59.43	41
8	165	9.48	16.7 - 10.5 - 7.2	19.81	22
	190	10.86	19.7 - 12.8 - 8.9	21.08	29
	210	12.27	21.7 - 15.7 - 10.8	29.62	32
	235	13.58	23 - 17.1 - 11.8	38.15	35
	285	16.27	27.2 - 18.4 - 13.8	50.60	37
	330	19.06	28.5 - 20 - 14.8	61.49	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.