

Return Linear Slot Diffuser - 20mm Slot width

1.4 Air Flow Data

No. of slots							
1	L/s	45	70	95	120	140	165
	Neg Ps (Pa)	5.98	13.44	23.63	37.36	53.54	72.28
	NC	< 15	18	27	35	42	47
2	L/s	120	140	165	190	210	235
	Neg Ps (Pa)	10.00	14.42	19.91	25.69	32.36	39.81
	NC	15	20	26	32	35	39
3	L/s	165	190	210	235	285	330
	Neg Ps (Pa)	10.20	13.24	16.48	20.40	29.13	39.32
	NC	17	21	24	28	32	39
4	L/s	190	235	285	330	380	425
	Neg Ps (Pa)	7.45	11.67	16.97	23.14	31.87	39.81
	NC	<15	21	24	28	33	40
5	L/s	235	285	330	380	470	565
	Neg Ps (Pa)	7.45	10.98	14.91	19.22	29.91	42.86
	NC	<15	21	25	29	33	42
6	L/s	285	330	380	470	565	660
	Neg Ps (Pa)	8.14	10.59	17.46	21.38	34.62	46.58
	NC	17	23	29	31	36	42
7	L/s	330	380	470	565	660	755
	Neg Ps (Pa)	9.12	11.08	17.95	23.14	35.89	46.58
	NC	17	24	30	32	36	43
8	L/s	380	425	520	615	710	800
	Neg Ps (Pa)	10.00	11.08	19.22	24.03	37.95	48.35
	NC	16	25	31	33	40	44

- Data based on one meter length of the diffuser with damper fully opened.
- P_s : Static pressure drop in Pascal.
- Noise Criteria (NC) based on room attenuation of 10 dB.