

Supply Linear Slot Diffuser - 16mm Slot width

1.3 Air Flow Data

Number of slots	L/s	Face Velocity ft/s	Throw (ft)	Ps (Pa)	NC
1	15	6.37	8.2 - 4.9 - 1.3	5.00	< 15
	25	10.93	13.5 - 8.2 - 4.6	13.14	16
	35	15.95	18.4 - 12.5 - 7.5	25.69	27
	45	21.42	22.3 - 15.4 - 10.8	43.25	36
	60	26.87	24.3 - 16.4 - 12.5	50.01	40
	70	32.35	26.6 - 19 - 14.4	72.77	42
2	25	5.61	9.8 - 5.2 - 2	6.37	< 15
	35	8.2	12.1 - 6.6 - 3	11.67	16
	45	11.02	14.1 - 8.2 - 4.3	19.12	19
	60	13.81	17.4 - 12.1 - 6.2	27.75	29
	70	16.63	20.3 - 14.4 - 9.2	38.74	31
	95	22.02	24 - 16.1 - 11.5	64.43	41
3	45	7.35	11.5 - 6.2 - 2.6	9.41	17
	60	9.22	12.8 - 7.2 - 3.6	13.93	20
	70	11.09	16.1 - 9.2 - 5.6	23.14	25
	85	12.96	17.4 - 11.2 - 6.9	30.50	29
	95	14.7	19.4 - 12.8 - 7.9	38.34	34
	120	18.44	22.6 - 17.1 - 10.8	52.76	38
4	60	6.92	11.8 - 6.6 - 3	8.24	17
	70	8.3	12.8 - 7.5 - 4.3	14.61	20
	85	9.71	14.4 - 10.2 - 6.2	19.61	25
	95	11.02	17.1 - 11.2 - 7.2	26.77	29
	120	14.04	19.4 - 13.5 - 8.9	39.52	32
	140	16.63	21 - 16.1 - 10.5	49.03	37

- 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.