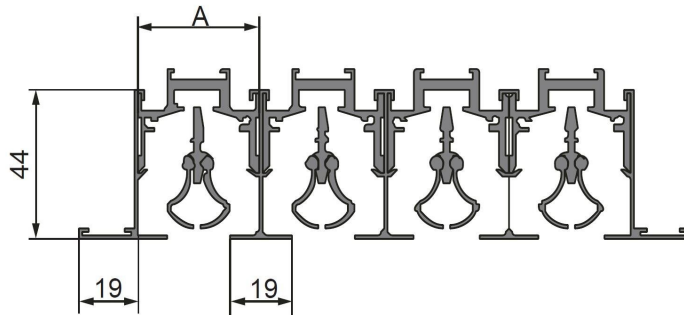


Linear Slot Diffuser 20mm slot width (SLD20)

Cooltech Industries Linear slot diffuser (SLD20) is a sleek, and modern looking linear type diffuser manufactured from high grade aluminium extrusion. The Linear diffuser consists of a solid outer body with black adjustable inner pattern control blades which assist in situations whereby directional control or air dampening is required. The centre blades are fully removable which will assist in installations and the unique design allows for ease of removal and re installation of the centre blades. The body of the linear is held together by rigid 4mm thick aluminium brackets which ensures that the grille remains linear & straight. Standard finish is white powdercoat however other powdercoat colours and natural anodised finish is available upon request.

No of Slots	Exact Neck	Face size
1	40	75
2	80	115
3	120	155
4	160	195
5	200	235
6	240	275
7	280	315
8	320	355



SLD20 Supply Application Data

No. Slots	Total Pressure (Pa)	H V	1.5 V	4 V	8 V	15 V	23 V	32 V	45 V	60 V
1	L/S per metre		9	17	26	35	45	52	60	70
	Throw (metres)	H	0.3-0.9	0.3-2.6	0.8-3.9	1.3-4.5	2.2-5.0	3.1-5.8	3.6-6.1	3.8-6.6
		V	0.6	2.2	3.4	4.2	5.2	5.3	6	6.3
	NRdb		-	-	-	<22	26	32	37	42
2	L/S per metre		17	35	52	70	85	105	125	145
	Throw (metres)	H	0.3-1.9	0.8-4.5	1.7-5.7	2.9-6.3	3.8-7.3	4.5-8.0	5.0-8.5	5.5-9.2
		V	1.1	3.1	5	6.2	6.8	7.8	8.4	8.7
	NRdb		-	-	<22	25	31	36	42	47
3	L/S per metre		26	52	80	105	130	160	185	215
	Throw (metres)	H	0.3-2.4	1.0-5.8	2.3-6.9	3.9-8.0	4.8-9.2	5.7-9.7	6.2-10.7	6.6-11.4
		V	1.8	4.0	5.9	7.8	8.4	9.4	9.9	10.8
	NRdb		-	-	<22	27	33	40	46	50
4	L/S per metre		35	70	105	145	175	215	250	285
	Throw (metres)	H	0.3-3.3	1.6-6.6	3.1-8.0	4.7-9.2	5.7-10.4	6.6-11.5	7.2-12.3	7.6-13.3
		V	2.1	4.6	7.1	8.7	9.8	10.8	11.8	12.4
	NRdb		-	<22	21	29	35	42	48	53
5	L/S per metre		45	85	130	175	220	285	310	355
	Throw (metres)	H	0.5-3.6	2.0-7.2	3.9-9.2	5.1-10.3	6.2-11.7	7.6-13.0	8.2-13.9	8.5-14.8
		V	2.4	5.2	7.8	9.8	11.2	12.1	13.1	14.0
	NRdb		-	<22	23	31	36	43	48	53
6	L/S per metre		52	105	160	215	265	320	375	430
	Throw (metres)	H	0.5-3.9	2.5-7.9	4.1-9.7	5.4-11.4	6.9-13.0	8.2-13.9	8.7-15.1	9.5-16.0
		V	2.6	5.4	8.6	10.8	12.1	13.1	14.3	15.2
	NRdb		-	<22	23	32	38	44	49	54
7	L/S per metre		60	125	185	250	310	375	440	500
	Throw (metres)	H	0.8-4.2	2.9-8.4	4.6-10.7	6.1-12.3	7.6-13.9	8.8-15.2	9.6-16.4	10-17.4
		V	3.0	6.0	8.3	11.5	13.5	14.3	15.3	16.1
	NRdb		-	<22	24	33	39	46	51	57
8	L/S per metre		70	145	215	285	355	430	500	570
	Throw (metres)	H	1.1-4.5	3.0-9.1	4.7-11.4	6.3-13.2	7.9-14.9	9.6-15.9	10-17.3	10.7-18.5
		V	3	5.5	8.5	12.2	14.0	15.3	16.1	17.4
	NRdb		-	<22	25	34	39	46	51	59

Throw – Horizontal – Minimum Terminal Velocity = 0.75 m/s
Maximum terminal Velocity = 0.25 m/s