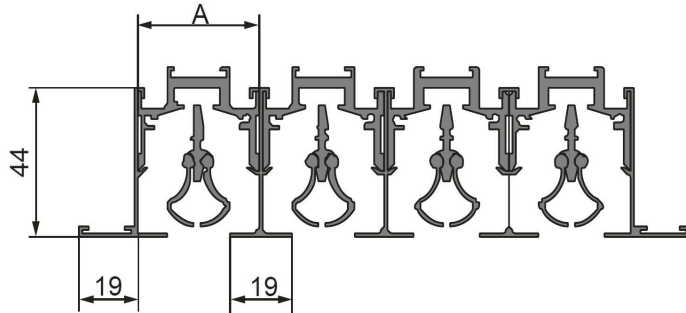


## Linear Slot Diffuser 25mm slot width (SLD25)

Cooltech Industries Linear slot diffuser (SLD25) 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	45	80
2	90	125
3	135	170
4	180	215
5	225	260
6	270	305
7	315	350
8	360	395



### SLD25 Supply Application Data

No. Slots	Total Pressure (Pa)	H V	1.0 0.5	5 2.5	10 5	15 10	25 15	35 20	50 30	65 37.5
1	L/S per metre		10	25	35	50	60	70	85	95
	Throw (metres)	H	0.3-0.9	0.3-2.9	0.9-4.1	1.6-4.8	2.5-5.3	3.4-5.9	3.8-6.3	4.0-6.9
		V	0.6	2.2	3.4	4.4	5	5.3	5.9	6.3
	NRdb		-	-	-	<22	26	32	37	40
2	L/S per metre		25	50	70	95	120	145	170	190
	Throw (metres)	H	0.3-1.9	0.9-4.7	1.9-5.9	3.1-6.6	4.1-7.5	4.7-8.1	5.3-8.8	5.6-9.4
		V	1.2	3.1	5	6.3	6.9	7.8	8.4	8.8
	NRdb		-	-	13	24	31	37	42	46
3	L/S per metre		35	70	110	145	180	215	250	290
	Throw (metres)	H	0.3-2.5	1.3-5.9	2.5-7.2	4.1-8.1	5-9.4	5.9-10.	6.6-10.9	6.9-11.6
		V	1.9	4.1	5.9	7.8	8.4	9.4	10	10.9
	NRdb		-	-	-	28	34	39	44	48
4	L/S per metre		50	95	145	190	240	280	335	385
	Throw (metres)	H	0.3-3.4	1.6-6.9	3.4-8.1	4.7-9.4	5.9-10.6	6.9-11.6	7.5-12.5	7.8-13.4
		V	2.2	4.7	7.2	8.8	10	10.9	11.9	12.5
	NRdb		-	-	<22	29	36	42	46	50
5	L/S per metre		60	120	180	240	300	360	420	480
	Throw (metres)	H	0.6-3.8	2.2-7.5	4.1-9.4	5.3-10.6	6.6-11.9	7.8-13.1	8.4-14.1	8.8-15
		V	2.5	5.3	7.8	10	11.3	12.2	13.1	14.1
	NRdb		-	-	<22	31	37	43	48	52
6	L/S per metre		70	145	215	290	360	430	505	575
	Throw (metres)	H	0.6-4.1	2.8-8.1	4.4-10	5.6-11.6	7.2-13.1	8.4-14.1	9.1-15.3	9.7-16.3
		V	2.8	5.6	8.8	10.9	12.2	13.1	14.4	15.3
	NRdb		-	-	<22	32	38	44	49	53
7	L/S per metre		85	170	250	335	420	505	590	670
	Throw (metres)	H	0.8-4.4	3.1-8.8	4.7-10.9	6.3-12.5	7.8-14.1	9.1-15.3	9.7-16.6	10.3-17.5
		V	3.1	6.2	8.4	11.6	13.1	13.4	15	16.3
	NRdb		-	-	22	33	39	45	50	54
8	L/S per metre		95	190	280	385	480	575	670	770
	Throw (metres)	H	1.3-4.7	3.1-9.4	5.0-11.6	6.6-13.4	8.1-15	9.7-16.3	10.3-17.5	10.9-18.8
		V	3.2	6.3	9.4	12.5	14.1	15.3	16.3	17.5
	NRdb		-	-	23	34	40	46	51	55

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