

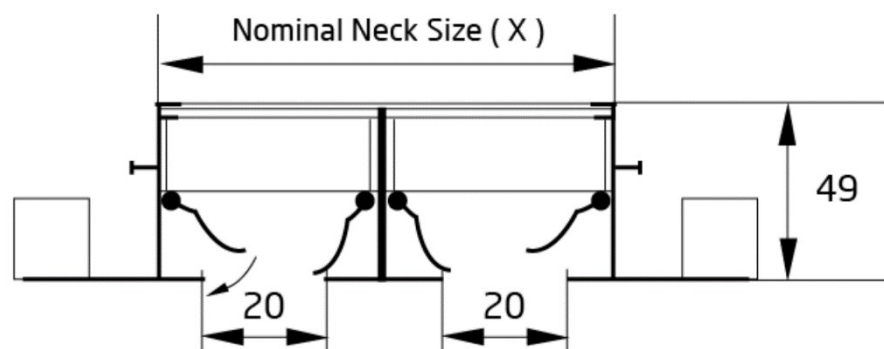
Removable Core Linear Slot Diffuser

General Information:

Ventech Removable Core Linear Slot Diffuser is manufactured by anti-corrosion aluminium. The core can be fixed, removable. Linear Slot Diffuser is generally used ceiling or wall applications. Two adjustable blades are equipped for selecting the throw direction, enabling a full 180 degree air pattern adjustment. Removable Core Linear Slot Diffuser can be manufactured up to 3 meters as a single piece or multiple piece for longer design.

Features:

- Aluminium construction
- Fixed core, removable core, or hinged core with or without filter
- Powder coat finish
- Suitable for wall mounting
- All size available upon request
- Available in 1 to 8 slot configurations



Selection table

25MM SLOT WIDTH RETURN APPLICATION

No. Slot	Negative Static Pressure in Pascals	5	10	18	27	40	54	70	112
		1	L / s / m	32.55	49.35	68.25	84	99.75	115.5
	NR	-	14.7	23.1	29.4	34.65	38.85	43.05	49.35
2	L / s / m	68.25	99.75	131.25	162.75	194.25	231	262.5	325.5
	NR	-	17.85	26.25	32.55	37.8	42	46.2	52.5
3	L / s / m	99.75	147	194.25	246.75	294	341.25	393.75	488.25
	NR	-	19.95	28.35	34.65	39.9	44.1	48.3	54.6
4	L / s / m	131.25	194.25	262.5	325.5	393.75	456.75	519.75	651
	NR	-	21	29.4	35.7	40.95	45.15	49.35	55.65
5	L / s / m	162.75	246.75	325.5	409.5	488.25	572.25	651	813.75
	NR	-	22.05	30.45	36.75	42	46.2	50.4	56.7
6	L / s / m	194.25	294	393.75	488.25	588	682.5	782.25	976.5
	NR	-	23.1	31.5	37.8	43.05	47.25	51.45	57.75
7	L / s / m	231	341.25	456.75	572.25	682.5	798	913.5	1139.25
	NR	-	24.15	32.55	38.85	44.1	48.3	52.5	58.8
8	L / s / m	262.5	393.75	519.75	651	782.25	913.5	1044.75	1302
	NR	-	24.15	32.55	38.85	44.1	48.3	52.5	58.8

20MM SLOT WIDTH RETURN APPLICATION

No. Slot	Negative Static Pressure in Pascals	2	7	16	27	42	62	86	112
		1	L / s / m	15.75	32.55	49.35	68.25	84	99.75
	NR	-	#VALUE!	22.05	30.45	36.75	42	46.2	50.4
2	L / s / m	32.55	68.25	99.75	131.25	162.75	194.25	231	262.5
	NR	-	13.65	25.2	33.6	39.9	45.15	49.35	53.55
3	L / s / m	49.35	99.75	147	194.25	246.75	294	341.25	393.75
	NR	-	15.75	27.3	35.7	42	47.25	51.45	55.65
4	L / s / m	68.25	131.25	194.25	262.5	325.5	393.75	456.75	519.75
	NR	-	16.8	28.35	36.75	43.05	48.3	52.5	56.7
5	L / s / m	84	162.75	246.75	325.5	409.5	488.25	572.25	651
	NR	-	17.85	29.4	37.8	44.1	49.35	53.55	57.75
6	L / s / m	99.75	194.25	294	393.75	488.25	588	682.5	782.25
	NR	-	18.9	30.45	38.85	45.15	50.4	54.6	58.8
7	L / s / m	115.5	231	341.25	456.75	572.25	682.5	798	913.5
	NR	-	19.95	31.5	39.9	46.2	51.45	55.65	59.85
8	L / s / m	131.25	262.5	393.75	519.75	651	782.25	913.5	1044.75
	NR	-	19.95	31.5	39.9	46.2	51.45	55.65	59.85

25MM SLOT WIDTH SUPPLY APPLICATION

No.	Total Press.	Horiz.	1		4		9		16		24		35		49		62	
Slots	Pascals.	Vert.	1		2		6		10		15		21		29		37	
1	Lit / sec / metre		12		25		37		50		65		75		90		100	
	NR		-		-		16		25		32		37		42		46	
	Throw	Hor.	0.1	1	0.4	3.4	1	4	1.8	4.6	2.8	5.2	3.4	5.8	4.8	6.2	3.8	6.8
	in metres	Vert	0.6		2.4		3.8		4.4		4.6		5.2		5.6		5.8	
2	Lit / sec / metre		25		50		75		100		125		150		175		200	
	NR		-		-		21		30		37		42		47		51	
	Throw	Hor.	0.4	1.8	1	4.6	1.8	5.8	3.4	6.8	4.4	7.4	4.6	8.2	5	8.2	5.6	9.6
	in metres	Vert	1.6		3.4		5		5.8		6.8		7.6		8		8.6	
3	Lit / sec / metre		37		75		115		150		185		225		260		300	
	NR		-		16		24		33		40		45		50		54	
	Throw	Hor.	0.4	3.2	1.2	5.8	3.2	7	4	8.2	5	9.2	5.8	9.8	6.2	10.8	6.8	11.4
	in metres	Vert	2.2		4		6.2		7.4		8.2		8.8		9.8		10.4	
4	Lit / sec / metre		50		100		150		200		250		300		350		400	
	NR		-		13		26		35		42		47		52		56	
	Throw	Hor.	0.6	3.4	1.8	6.8	3.8	8.2	4.6	9.6	6.2	10.4	6.8	11.4	7.4	12.2	7.6	13.2
	in metres	Vert	-		13		26		35		42		47		52		56	
5	Lit / sec / metre		65		125		185		250		310		375		435		495	
	NR		-		14		27		36		43		48		53		57	
	Throw	Hor.	0.6	4	2.4	7.4	4	9.2	5.6	10.4	6.8	11.6	7.4	12.8	8	13.8	8.6	14.6
	in metres	Vert	2.8		5.2		7.6		9.6		10.4		11.6		12.6		13.2	
6	Lit / sec / metre		75		150		225		300		375		445		520		595	
	NR		-		15		28		37		44		49		54		58	
	Throw	Hor.	1	4.4	2.8	8.2	4.6	9.8	5.8	11.4	7.4	12.8	8.2	13.8	8.8	15	9.2	16
	in metres	Vert	2.8		5.8		8.6		10.4		11.6		12.6		13.8		14.6	
7	Lit / sec / metre		90		175		260		350		435		520		610		695	
	NR		-		16		29		38		45		50		55		59	
	Throw	Hor.	1	4.6	3.2	8.6	4.6	10.8	6.4	12.2	8	13.8	8.8	15	9.6	16.2	10.2	17.2
	in metres	Vert	3.2		6.2		9.2		11		12.6		13.8		14.6		16	
8	Lit / sec / metre		100		200		300		400		495		595		695		795	
	NR		-		17		30		39		46		51		56		60	
	Throw	Hor.	1.2	5	3.4	9.6	5	11.4	6.8	13.2	8.6	14.6	9.2	16	10.2	17.2	10.8	18.4
	in metres	Vert	3.4		6.8		9.8		12		13.2		14.6		16		16.8	

20MM SLOT WIDTH SUPPLY APPLICATION

No.	Total Press.	Horiz.	1.5	4	8	14	23	31	44	58								
Slots	Pascals.	Vert.	1	3	6	11	17	24	31	42								
1	Lit / sec / metre		9.5	20.2	29	38	46	52	68	78								
	NR		-	-	-	20	29	35	41	46								
	Throw	Hor.	0.5	1	0.4	3.1	1	3.9	1.8	4.3	2.7	4.9	3.1	5.3	3.1	5.6	3.7	8.5
	in metres	Vert	0.6	2	3.5	4.1	4.6	4.8	5.3	5.5								
2	Lit / sec / metre		22	41	58	78	103	121	142	172								
	NR		-	-	17	28	35	41	45	51								
	Throw	Hor.	0.4	1.8	0.7	4.3	1.8	5.8	3.2	8.2	3.7	7.1	4.6	8.2	5	7.1	5.1	9.1
	in metres	Vert	1.6	3.1	4.8	5.8	6.4	7.1	7.6	8.1								
3	Lit / sec / metre		31	55	89	120	155	182	206	241								
	NR		-	-	21	32	40	45	49	54								
	Throw	Hor.	0.4	3.2	1.7	5.8	3.2	7	4	8.2	5	9.2	5.8	9.8	6.6	10.8	6.2	10.4
	in metres	Vert	2.2	3.9	5.7	6.5	7.3	8.2	8.8	9.7								
4	Lit / sec / metre		41	81	122	162	192	245	273	332								
	NR		-	-	23	34	41	43	51	56								
	Throw	Hor.	0.6	3.4	1.8	6.8	3.5	8.5	4.2	8.4	5.3	9.5	6.1	10.4	6.7	11.4	7.2	12.5
	in metres	Vert	1.9	4.5	6.1	7.7	8.5	9.5	10.2	10.7								
5	Lit / sec / metre		51	120	145	192	254	286	335	387								
	NR		-	-	23	35	41	46	52	55								
	Throw	Hor.	0.6	3.7	2.1	6.8	3.7	8.3	4.8	9.5	5.8	10.7	6.8	11.5	7.3	12.6	7.9	13.1
	in metres	Vert	2.4	4.7	6.9	8.6	10.1	10.7	11.5	12.1								
6	Lit / sec / metre		57	119	182	243	294	353	412	462								
	NR		-	-	24	36	41	45	52	56								
	Throw	Hor.	0.7	4.1	2.5	7.3	4.1	8.6	5.3	10.4	6.5	11.8	7.5	12.8	8.1	13.2	8.2	14.1
	in metres	Vert	2.5	4.8	7.6	9.4	10.6	11.6	12.8	13.6								
7	Lit / sec / metre		70	155	200	290	335	420	510	595								
	NR		-	13	25	36	43	48	52	56								
	Throw	Hor.	1	4.1	3.1	7.6	4.2	9.8	5.9	11.2	7	12.8	7.8	14	8.6	14.2	9.2	16.2
	in metres	Vert	2.6	5.4	8.2	10	11.6	12.8	12.9	14								
8	Lit / sec / metre		81	161	240	320	395	495	595	617								
	NR		-	15	26	36	43	49	53	59								
	Throw	Hor.	1.2	4.7	3.1	8.7	4.8	10.4	5.8	12.2	7.6	13.1	8.2	14	9.1	16.2	10.8	17.4
	in metres	Vert	2.4	5.8	7.8	11	12.2	13.6	15	15.8								