



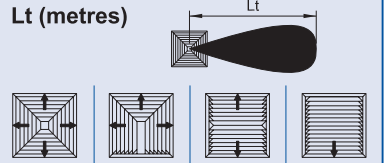
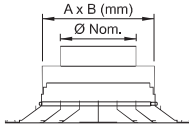






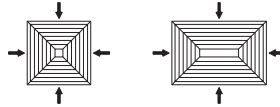
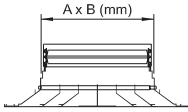


# Technical Data Multi-Cone Diffusers



q (l/s)	Ø	A x B	Vn (M/s)	Ps (Pascals)	NC	44 (4-Way)	43 (3-Way)	42 (2-Way)	41 (1-Way)
220	200	300 x 300	7.0	30	38	3.5 - 4.5	4.0 - 5.0	5.0 - 6.3	6.0 - 7.5
	200	400 x 400	7.0	26	36	3.3 - 4.3	3.8 - 4.8	4.8 - 6.0	5.8 - 7.3
	200	500 x 500	7.0	20	33	3.0 - 4.0	3.6 - 4.4	4.5 - 5.8	5.5 - 6.9
	250	300 x 300	4.5	23	30	3.0 - 4.0	3.4 - 4.2	4.2 - 5.5	5.3 - 6.5
	250	400 x 400	4.5	20	29	2.7 - 3.8	3.2 - 4.1	4.0 - 5.3	5.1 - 6.3
	250	500 x 500	4.5	15	26	2.4 - 3.4	3.0 - 4.0	3.8 - 5.0	4.8 - 6.0
	300	400 x 400	3.1	13	23	2.4 - 3.4	3.0 - 4.0	3.6 - 4.8	4.5 - 5.8
	300	500 x 500	3.1	12	22	2.2 - 3.2	2.8 - 3.8	3.4 - 4.6	4.4 - 5.6
	350	400 x 400	2.3	10	20	2.0 - 3.0	2.8 - 3.8	3.4 - 4.4	4.4 - 5.4
	350	500 x 500	2.3	8	18	1.8 - 2.9	2.6 - 3.4	3.2 - 4.4	4.4 - 5.4
240	250	300 x 300	4.9	28	32	3.3 - 4.3	3.7 - 4.6	4.6 - 6.2	5.8 - 7.2
	250	400 x 400	4.9	23	30	3.0 - 4.0	3.4 - 4.2	4.3 - 5.8	5.4 - 6.6
	250	500 x 500	4.9	18	28	2.8 - 3.7	3.2 - 4.0	4.0 - 5.5	5.1 - 6.2
	300	400 x 400	3.4	14	24	2.8 - 3.7	3.2 - 4.2	4.0 - 5.3	4.8 - 6.0
	300	500 x 500	3.4	13	23	2.4 - 3.5	3.0 - 4.0	3.6 - 5.0	4.5 - 5.7
	350	400 x 400	2.5	11	21	2.2 - 3.2	2.8 - 3.8	3.4 - 4.8	4.5 - 5.7
	350	500 x 500	2.5	9	19	2.0 - 3.0	2.6 - 3.5	3.2 - 4.5	4.5 - 5.7
	250	300 x 300	5.3	32	35	3.5 - 4.6	4.0 - 5.0	5.0 - 7.0	6.2 - 7.8
	250	400 x 400	5.3	27	32	3.3 - 4.4	3.7 - 4.5	4.5 - 6.6	5.8 - 7.2
	250	500 x 500	5.3	22	30	3.0 - 4.0	3.5 - 4.3	4.3 - 6.2	5.5 - 7.0
260	300	400 x 400	3.7	16	26	2.8 - 3.8	3.4 - 4.1	4.3 - 6.0	5.2 - 6.8
	300	500 x 500	3.7	14	24	2.6 - 3.5	3.2 - 4.0	4.0 - 5.5	5.0 - 6.5
	350	400 x 400	2.7	13	23	2.4 - 3.4	3.0 - 4.0	3.9 - 5.5	4.8 - 6.3
	350	500 x 500	2.7	11	20	2.3 - 3.1	2.8 - 3.7	3.7 - 5.0	4.5 - 6.0
	250	300 x 300	5.7	35	38	3.7 - 4.9	4.2 - 5.2	5.4 - 7.2	6.8 - 8.3
	250	400 x 400	5.7	31	36	3.4 - 4.7	3.9 - 4.8	5.0 - 6.9	6.8 - 8.0
	250	500 x 500	5.7	25	33	3.2 - 4.3	3.7 - 4.7	4.7 - 6.6	6.0 - 7.7
	300	400 x 400	4.0	20	29	3.2 - 4.5	3.6 - 4.5	4.7 - 6.4	5.8 - 7.5
	300	500 x 500	4.0	18	26	2.9 - 3.8	3.4 - 4.3	4.5 - 6.1	5.6 - 7.3
	350	400 x 400	2.9	15	25	2.7 - 3.5	3.1 - 4.0	4.5 - 6.0	5.5 - 7.0
350	500 x 500	2.9	13	22	2.5 - 3.2	2.9 - 3.8	4.3 - 5.7	5.3 - 7.0	
300	250	300 x 300	6.1	40	43	3.9 - 5.2	4.5 - 5.6	6.0 - 7.5	7.3 - 8.8
	250	400 x 400	6.1	35	41	3.6 - 5.0	4.3 - 5.3	5.8 - 7.3	7.1 - 8.6
	250	500 x 500	6.1	28	38	3.5 - 4.5	4.0 - 5.0	5.4 - 7.0	6.7 - 8.5
	300	400 x 400	4.2	25	32	3.5 - 4.5	4.0 - 5.0	5.2 - 6.8	6.5 - 8.2
	300	500 x 500	4.2	20	29	3.2 - 4.2	3.5 - 4.5	5.2 - 6.8	6.5 - 8.2
	350	400 x 400	3.1	18	27	3.0 - 4.0	3.4 - 4.5	5.2 - 6.7	6.3 - 8.0
	350	500 x 500	3.1	16	25	2.8 - 3.6	3.3 - 4.2	5.0 - 6.3	6.0 - 7.5
	250	500 x 500	6.5	32	40	3.8 - 5.0	4.4 - 5.8	5.8 - 7.3	7.2 - 9.0
	300	400 x 400	4.5	27	34	3.7 - 4.7	4.2 - 5.3	5.4 - 7.0	6.8 - 8.5
	300	500 x 500	4.5	22	30	3.4 - 4.4	3.8 - 5.0	5.2 - 6.5	6.3 - 8.0
320	350	400 x 400	3.3	21	30	3.3 - 4.2	3.6 - 4.7	4.9 - 6.3	6.0 - 7.5
	350	500 x 500	3.3	18	26	3.0 - 4.0	3.6 - 4.6	4.6 - 6.1	6.0 - 7.5
	250	500 x 500	6.9	37	43	4.2 - 5.5	5.0 - 6.4	6.2 - 7.6	7.8 - 9.5
	300	400 x 400	4.8	29	37	4.0 - 5.0	4.5 - 5.6	5.8 - 7.0	7.2 - 9.0
	300	500 x 500	4.8	25	32	3.7 - 4.8	4.2 - 5.4	5.4 - 6.8	6.6 - 8.5
340	350	400 x 400	3.6	24	32	3.6 - 4.6	4.0 - 5.1	5.2 - 6.6	6.3 - 8.0
	350	500 x 500	3.6	21	29	3.4 - 4.3	3.8 - 4.8	5.1 - 6.5	6.3 - 8.0
	300	400 x 400	5.2	31	38	4.6 - 6.0	5.0 - 6.2	6.6 - 8.2	7.6 - 9.5
	300	500 x 500	5.2	28	34	4.1 - 5.4	4.5 - 5.8	6.0 - 7.5	7.0 - 9.0
	350	400 x 400	3.9	26	34	4.0 - 5.4	4.2 - 5.6	5.6 - 7.2	6.6 - 8.5
370	350	500 x 500	3.9	22	31	3.7 - 4.8	4.0 - 5.3	5.5 - 7.0	6.5 - 8.5
	300	400 x 400	5.7	33	39	5.0 - 6.3	5.5 - 6.6	7.0 - 8.7	8.0 - 10.0
	300	500 x 500	5.7	30	36	4.5 - 6.0	4.8 - 6.3	6.5 - 8.4	7.4 - 9.4
	350	400 x 400	4.2	28	35	4.3 - 5.7	4.5 - 6.0	6.3 - 8.2	7.2 - 9.3
400	350	500 x 500	4.2	23	33	4.0 - 5.5	4.3 - 5.7	6.0 - 8.0	7.0 - 9.0
	300	400 x 400	6.4	38	43	5.5 - 6.9	6.2 - 7.4	7.6 - 9.3	9.0 - 11.5
	300	500 x 500	6.4	36	40	5.0 - 6.4	5.5 - 7.0	7.2 - 8.8	8.2 - 10.5
	350	400 x 400	4.7	34	39	5.0 - 6.2	5.5 - 7.0	6.9 - 8.5	8.0 - 10.0
450	350	500 x 500	4.7	28	36	4.5 - 5.8	4.9 - 6.3	6.4 - 8.0	7.6 - 10.0
	350	400 x 400	5.2	41	44	5.7 - 6.9	6.2 - 7.7	8.0 - 10.0	9.5 - 12.0
	350	500 x 500	5.2	36	42	5.2 - 6.5	5.6 - 7.0	7.0 - 9.0	8.5 - 11.0

# Technical Data Multi-Cone Diffusers (Extract)



A x B	Nomenclature	Vn (Ms)	Vn (Ms)	Vn (Ms)	Vn (Ms)	Vn (Ms)	Vn (Ms)	Vn (Ms)	Vn (Ms)	Vn (Ms)
		1.0	1.25	1.50	1.75	2.0	2.25	2.50	2.75	3.0
150 x 150 An .0225 M <sup>2</sup>	q (l/s)	-	30	35	40	45	50	55	60	65
	Psn (Pa)	-	9	9	11	13	18	21	24	30
	Vf (M/s)	-	.52	.60	.69	.78	.87	.95	1.04	1.13
	NC	-	-	-	-	-	-	17	20	23
200 x 200 An .04 M <sup>2</sup>	q (l/s)	40	50	60	70	80	90	100	110	120
	Psn (Pa)	9	10	10	13	16	20	24	29	36
	Vf (M/s)	.48	.59	.71	.83	.95	1.07	1.19	1.30	1.43
	NC	-	-	-	17	18	19	21	22	25
300 x 150 An .045 M <sup>2</sup>	q (l/s)	45	55	70	80	90	100	110	120	130
	Psn (Pa)	9	10	10	14	20	25	30	35	43
	Vf (M/s)	.48	.59	.75	.85	.96	1.07	1.18	1.28	1.39
	NC	-	-	17	18	19	20	23	26	28
250 x 250 An .0625 M <sup>2</sup>	q (l/s)	65	80	95	110	125	140	155	170	185
	Psn (Pa)	9	10	10	12	17	21	25	30	35
	Vf (M/s)	.56	.69	.82	.95	1.08	1.21	1.34	1.47	1.60
	NC	-	-	-	-	18	21	24	28	30
450 x 150 An .0675 M <sup>2</sup>	q (l/s)	70	85	100	115	135	150	170	185	200
	Psn (Pa)	12	15	18	23	31	39	47	55	66
	Vf (M/s)	.54	.65	.77	.88	1.04	1.15	1.31	1.42	1.54
	NC	-	-	-	-	18	21	24	28	30
300 x 300 An .09 M <sup>2</sup>	q (l/s)	90	115	135	160	180	200	225	245	270
	Psn (Pa)	9	10	11	13	17	21	24	29	35
	Vf (M/s)	.59	.76	.89	1.05	1.18	1.31	1.48	1.61	1.78
	NC	-	-	17	18	21	24	28	32	34
500 x 200 An .10 M <sup>2</sup>	q (l/s)	100	125	150	175	200	225	250	275	300
	Psn (Pa)	11	12	14	19	25	30	36	43	52
	Vf (M/s)	.59	.74	.88	1.03	1.18	1.32	1.47	1.61	1.75
	NC	-	-	17	19	21	24	28	33	35
350 x 350 An .1225 M <sup>2</sup>	q (l/s)	120	150	185	215	245	275	305	335	365
	Psn (Pa)	11	12	14	18	23	28	34	39	46
	Vf (M/s)	.62	.74	.96	1.11	1.27	1.42	1.58	1.73	1.89
	NC	-	-	16	18	22	25	29	33	37
450 x 300 An .135 M <sup>2</sup>	q (l/s)	135	165	200	235	270	300	335	370	405
	Psn (Pa)	11	11	13	17	22	27	33	39	47
	Vf (M/s)	.64	.79	.95	1.12	1.29	1.43	1.60	1.76	1.92
	NC	-	-	17	19	22	25	29	33	37
400 x 400 An .16 M <sup>2</sup>	q (l/s)	160	200	240	280	320	360	400	440	480
	Psn (Pa)	11	12	14	18	24	31	37	43	52
	Vf (M/s)	.66	.83	1.0	1.16	1.33	1.50	1.66	1.83	2.0
	NC	-	17	19	20	23	25	30	35	39
600 x 300 An .18 M <sup>2</sup>	q (l/s)	180	225	270	315	360	400	450	495	540
	Psn (Pa)	12	13	17	22	31	38	46	54	64
	Vf (M/s)	.66	.83	1.0	1.17	1.34	1.49	1.67	1.84	2.0
	NC	17	18	20	22	26	29	34	36	41
450 x 450 An .2025 M <sup>2</sup>	q (l/s)	200	250	300	350	400	450	500	550	600
	Psn (Pa)	12	13	17	21	27	34	41	48	57
	Vf (M/s)	.68	.86	1.03	1.20	1.37	1.54	1.71	1.90	2.07
	NC	18	20	21	23	28	32	36	38	42
500 x 500 An .25 M <sup>2</sup>	q (l/s)	250	310	375	435	500	560	625	685	750
	Psn (Pa)	12	14	17	21	27	34	42	49	59
	Vf (M/s)	.71	.89	1.08	1.25	1.44	1.61	1.80	1.97	2.16
	NC	18	20	22	25	30	34	37	40	45
550 x 550 An .3025 M <sup>2</sup>	q (l/s)	300	375	450	525	600	675	750	830	905
	Psn (Pa)	12	14	18	23	31	38	46	54	65
	Vf (M/s)	.73	.91	1.10	1.28	1.46	1.65	1.83	2.02	2.20
	NC	19	21	23	27	33	36	38	42	47
600 x 600 An .36 M <sup>2</sup>	q (l/s)	360	450	540	630	720	810	900	990	1080
	Psn (Pa)	13	16	21	26	35	41	47	56	67
	Vf (M/s)	.76	.95	1.13	1.32	1.51	1.70	1.89	2.08	2.27
	NC	21	23	25	29	35	39	43	45	48