

Models T-700, & CT-700 Door Grilles.

Nominal Duct Size	Nominal Duct Area (m ²)	Core Area (m ²)	Core Velocity, m/s Velocity Pressure, Pa CT-700 Neg. Static Pressure, Pa T-700 Neg. Static Pressure, Pa	0.5	0.8	1.0	1.3	1.5	1.8	2.0	2.5	3.0
				0	0	1	1	1	2	2	4	6
				2	4	7	11	16	21	28	44	63
				2	4	7	11	15	21	27	43	62
150mm x 150mm	0.02	0.02	Air Flow, l/s	9	13	18	22	27	31	36	45	54
			NC	-	-	15	20	24	27	30	34	38
200mm x 150mm	0.03	0.02	Air Flow, l/s	12	18	25	31	37	43	49	61	74
			NC	-	-	16	21	25	28	31	36	39
250mm x 150mm	0.04	0.03	Air Flow, l/s	16	24	32	40	48	56	64	80	96
			NC	-	12	18	22	26	29	32	37	41
200mm x 200mm	0.04	0.03	Air Flow, l/s	17	26	35	44	52	61	70	87	105
			NC	-	12	18	23	26	30	32	37	41
300mm x 150mm	0.05	0.04	Air Flow, l/s	19	29	39	48	58	68	77	97	116
			NC	-	12	18	23	27	30	33	38	41
350mm x 150mm	0.05	0.04	Air Flow, l/s	23	34	45	57	68	79	91	113	136
			NC	-	13	19	24	28	31	34	38	42
400mm x 150mm	0.06	0.05	Air Flow, l/s	27	40	54	67	81	94	108	135	161
			NC	-	14	20	24	28	32	34	39	43
250mm x 250mm	0.06	0.05	Air Flow, l/s	28	42	56	70	84	97	111	139	167
			NC	-	14	20	25	28	32	34	39	43
450mm x 150mm	0.07	0.06	Air Flow, l/s	30	45	59	74	89	104	119	149	178
			NC	-	14	20	25	29	32	35	39	43
500mm x 150mm	0.08	0.07	Air Flow, l/s	34	51	68	85	102	119	136	170	204
			NC	-	15	21	25	29	33	35	40	44
550mm x 150mm	0.09	0.07	Air Flow, l/s	36	55	73	91	109	127	145	182	218
			NC	-	15	21	26	30	33	36	40	44
600mm x 150mm	0.09	0.08	Air Flow, l/s	42	62	83	104	125	145	166	208	249
			NC	-	16	22	26	30	33	36	41	45
750mm x 150mm	0.09	0.08	Air Flow, l/s	52	79	105	131	157	183	210	262	314
			NC	-	17	23	27	31	34	37	42	46
450mm x 250mm	0.12	0.10	Air Flow, l/s	58	86	115	144	173	202	230	288	345
			NC	-	17	23	28	32	35	38	42	46
350mm x 350mm	0.13	0.11	Air Flow, l/s	64	96	127	159	191	223	255	319	382
			NC	-	18	24	28	32	35	38	43	47
550mm x 250mm	0.14	0.13	Air Flow, l/s	65	97	129	162	194	226	259	323	388
			NC	-	18	24	28	32	35	38	43	47
750mm x 200mm	0.16	0.14	Air Flow, l/s	70	105	141	176	211	246	281	352	422
			NC	-	18	24	29	32	36	38	43	47
600mm x 250mm	0.16	0.14	Air Flow, l/s	75	113	150	188	225	263	300	375	450
			NC	-	18	24	29	33	36	39	43	47
450mm x 350mm	0.16	0.15	Air Flow, l/s	76	115	153	191	229	268	306	382	459
			NC	-	18	24	29	33	36	39	44	47
600mm x 300mm	0.19	0.17	Air Flow, l/s	86	129	172	215	258	301	344	429	515
			NC	-	19	25	30	33	37	39	44	48
450mm x 450mm	0.21	0.19	Air Flow, l/s	98	147	195	244	293	342	391	488	586
			NC	11	19	25	30	34	37	40	45	48
600mm x 350mm	0.22	0.20	Air Flow, l/s	101	151	202	252	303	353	404	505	606
			NC	11	20	26	30	34	37	40	45	49
750mm x 300mm	0.23	0.21	Air Flow, l/s	108	162	216	270	324	378	432	540	648
			NC	11	20	26	31	34	38	40	45	49
600mm x 400mm	0.25	0.23	Air Flow, l/s	116	174	232	290	348	406	464	580	697
			NC	12	20	26	31	35	38	41	45	49
500mm x 500mm	0.26	0.24	Air Flow, l/s	121	182	243	303	364	425	485	606	728
			NC	12	20	26	31	35	38	41	46	49
750mm x 400mm	0.31	0.29	Air Flow, l/s	147	220	294	367	440	514	587	734	881
			NC	13	21	27	32	36	39	42	46	50
550mm x 550mm	0.31	0.29	Air Flow, l/s	148	222	296	370	445	519	593	741	889
			NC	13	21	27	32	36	39	42	46	50
600mm x 550mm	0.34	0.32	Air Flow, l/s	162	243	324	405	486	567	648	809	971
			NC	13	22	28	32	36	39	42	47	51
750mm x 450mm	0.35	0.33	Air Flow, l/s	165	248	330	413	496	578	661	826	991
			NC	13	22	28	32	36	39	42	47	51
600mm x 600mm	0.37	0.35	Air Flow, l/s	177	265	354	442	531	619	708	885	1062
			NC	13	22	28	33	36	40	43	47	51
750mm x 600mm	0.46	0.44	Air Flow, l/s	222	333	445	556	667	778	889	1111	1334
			NC	14	23	29	34	37	41	43	48	52
700mm x 700mm	0.51	0.48	Air Flow, l/s	244	365	487	609	731	852	974	1218	1461
			NC	15	23	29	34	38	41	44	49	52
750mm x 700mm	0.54	0.51	Air Flow, l/s	260	390	520	650	780	910	1040	1300	1560
			NC	15	24	30	34	38	41	44	49	53
750mm x 750mm	0.58	0.55	Air Flow, l/s	280	421	561	701	841	981	1121	1402	1682
			NC	15	24	30	35	38	42	44	49	53

* Performance based on nominal sizes shown in bold.
 * Static pressures are negative, in Pascal, measured per ASHRAE 70-91
 * NC based on room absorption of 10 dB, re 10-12 watts, measured per ASHRAE 70-91

Note: All dimensions are nominal • product will be built to the closest inch equivalent dimension unless specially ordered to true metric

• contact factory for availability of sizes •



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