

550 H or V (3/4" spacing at 45°)

Nom.	Core Velocity	100	200	300	400	500	600	700	800	900
Duct Size	Vel. Press.	0.001	0.002	0.006	0.010	0.016	0.022	0.031	0.040	0.050
(in.)	Neg. Static Press	0.002	0.008	0.018	0.032	0.051	0.073	0.099	0.130	0.164
6x6	Airflow, cfm	19	38	57	76	95	114	133	152	171
	NC	-	11	15	18	20	22	24	25	26
8x6	Airflow, cfm	26	52	78	104	130	156	182	208	234
	NC	-	13	17	19	22	23	25	26	27
10x6	Airflow, cfm	34	68	102	136	170	204	238	272	306
	NC	-	14	18	21	23	25	25	27	29
8x8	Airflow, cfm	37	74	111	148	185	222	259	296	333
	NC	-	14	18	21	23	25	26	28	29
12x6	Airflow, cfm	41	82	123	164	205	246	287	328	369
	NC	-	15	19	21	24	25	27	28	29
14x6	Airflow, cfm	48	96	144	192	240	288	336	384	432
	NC	-	15	19	22	24	26	28	29	30
16x6	Airflow, cfm	57	114	171	228	285	342	399	456	513
	NC	-	16	20	23	25	27	28	30	31
12x8	Airflow, cfm	59	118	177	236	295	354	413	472	531
	NC	-	16	20	23	25	27	28	30	31
10x10	Airflow, cfm	63	126	189	252	315	378	441	504	567
	NC	-	16	20	23	25	27	29	30	31
18x6	Airflow, cfm	72	144	216	288	360	432	504	576	648
	NC	-	17	21	24	26	28	29	31	32
12x10	Airflow, cfm	77	154	231	308	385	462	539	616	693
	NC	11	17	21	24	26	28	30	31	32
22x6	Airflow, cfm	88	176	264	352	440	528	616	704	792
	NC	11	18	22	25	27	29	30	32	33
12x12	Airflow, cfm	111	222	333	444	555	666	777	888	999
	NC	12	19	23	26	28	30	31	33	34
18x10	Airflow, cfm	122	244	366	488	610	732	854	976	1098
	NC	13	19	23	26	28	30	32	33	34
14x14	Airflow, cfm	135	270	405	540	675	810	945	1080	1215
	NC	13	20	24	27	29	31	32	33	35
18x12	Airflow, cfm	137	274	411	548	685	822	959	1096	1233
	NC	13	20	24	27	29	31	32	33	35
22x10	Airflow, cfm	149	298	447	596	745	894	1043	1192	1341
	NC	13	20	24	27	29	31	33	34	35
24x10	Airflow, cfm	159	318	477	636	795	954	1113	1272	1431
	NC	14	21	24	27	30	31	33	34	35
18x14	Airflow, cfm	162	324	486	648	810	972	1134	1296	1458
	NC	14	21	25	27	30	31	33	34	35
24x12	Airflow, cfm	182	364	546	728	910	1092	1274	1456	1638
	NC	14	21	25	28	30	32	33	35	36
18x16	Airflow, cfm	207	414	621	828	1035	1242	1449	1656	1863
	NC	15	22	26	28	31	32	34	35	36
24x14	Airflow, cfm	214	428	642	856	1070	1284	1498	1712	1926
	NC	15	22	26	29	31	33	34	35	37
30x12	Airflow, cfm	229	458	687	916	1145	1374	1603	1832	2061
	NC	15	22	26	29	31	33	34	36	37
24x16	Airflow, cfm	246	492	738	984	1230	1476	1722	1968	2214
	NC	16	22	26	29	31	33	35	36	37
20x20	Airflow, cfm	257	514	771	1028	1285	1542	1799	2056	2313
	NC	16	23	27	29	32	33	35	36	37
36x12	Airflow, cfm	275	550	825	1100	1375	1650	1925	2200	2475
	NC	16	23	27	30	32	34	35	36	38
30x16	Airflow, cfm	311	622	933	1244	1555	1866	2177	2488	2799
	NC	17	23	27	30	32	34	36	37	38
24x20	Airflow, cfm	314	628	942	1256	1570	1884	2198	2512	2826
	NC	17	23	27	30	32	34	36	37	38
22x22	Airflow, cfm	322	644	966	1288	1610	1932	2254	2576	2898
	NC	17	24	28	30	33	34	36	37	38
36x14	Airflow, cfm	343	686	1029	1372	1715	2058	2401	2744	3087
	NC	17	24	28	31	33	35	36	37	39
24x22	Airflow, cfm	350	700	1050	1400	1750	2100	2450	2800	3150
	NC	17	24	28	31	33	35	36	38	39

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Nom. Duct Size (in.)	Core Velocity Vel. Press. Neg. Static Press	100 0.001 0.002	200 0.002 0.008	300 0.006 0.018	400 0.010 0.032	500 0.016 0.051	600 0.022 0.073	700 0.031 0.099	800 0.040 0.130	900 0.050 0.164
48x12	Airflow, cfm	375	750	1125	1500	1875	2250	2625	3000	3375
24x24	NC	17	24	28	31	33	35	37	38	39
36x18	Airflow, cfm	422	844	1266	1688	2110	2532	2954	3376	3798
36x20	NC	18	25	29	32	34	36	37	38	40
30x24	Airflow, cfm	471	942	1413	1884	2355	2826	3297	3768	4239
42x18	NC	18	25	29	32	34	36	38	39	40
28x28	Airflow, cfm	494	988	1482	1976	2470	2964	3458	3952	4446
42x20	NC	19	25	29	32	34	36	38	39	40
30x28	Airflow, cfm	516	1032	1548	2064	2580	3096	3612	4128	4644
48x18	NC	19	26	30	32	35	36	38	39	40
36x24	Airflow, cfm	551	1102	1653	2204	2755	3306	3857	4408	4959
42x24	NC	19	26	30	33	35	37	38	40	41
30x30	Airflow, cfm	566	1132	1698	2264	2830	3396	3962	4528	5094
46x22	NC	19	26	30	33	35	37	38	40	41
32x32	Airflow, cfm	594	1188	1782	2376	2970	3564	4158	4752	5346
42x24	NC	19	26	30	33	35	37	39	40	41
36x28	Airflow, cfm	666	1332	1998	2664	3330	3996	4662	5328	5994
46x22	NC	20	27	31	34	36	38	39	40	41
32x32	Airflow, cfm	668	1336	2004	2672	3340	4008	4676	5344	6012
36x30	NC	20	27	31	34	36	38	39	40	42
48x24	Airflow, cfm	678	1356	2034	2712	3390	4068	4746	5424	6102
36x32	NC	20	27	31	34	36	38	39	40	42
34x34	Airflow, cfm	716	1432	2148	2864	3580	4296	5012	5728	6444
48x24	NC	20	27	31	34	36	38	39	41	42
36x32	Airflow, cfm	763	1526	2289	3052	3815	4578	5341	6104	6867
34x34	NC	21	27	31	34	36	38	40	41	42
36x34	Airflow, cfm	768	1536	2304	3072	3840	4608	5376	6144	6912
42x30	NC	21	27	31	34	36	38	40	41	42
36x36	Airflow, cfm	814	1628	2442	3256	4070	4884	5698	6512	7326
42x30	NC	21	28	32	35	37	39	40	41	42
36x36	Airflow, cfm	838	1676	2514	3352	4190	5028	5866	6704	7542
42x30	NC	21	28	32	35	37	39	40	41	42
36x36	Airflow, cfm	863	1726	2589	3452	4315	5178	6041	6904	7767
42x34	NC	21	28	32	35	37	39	40	41	43
48x30	Airflow, cfm	960	1920	2880	3840	4800	5760	6720	7680	8640
38x38	NC	22	28	32	35	37	39	41	42	43
38x38	Airflow, cfm	964	1928	2892	3856	4820	5784	6748	7712	8676
42x36	NC	22	28	32	35	37	39	41	42	43
46x34	Airflow, cfm	1010	2020	3030	4040	5050	6060	7070	8080	9090
46x34	NC	22	29	33	35	38	39	41	42	43
42x38	Airflow, cfm	1045	2090	3135	4180	5225	6270	7315	8360	9405
42x38	NC	22	29	33	35	38	39	41	42	43
40x40	Airflow, cfm	1067	2134	3201	4268	5335	6402	7469	8536	9603
40x40	NC	22	29	33	36	38	40	41	42	44
48x36	Airflow, cfm	1070	2140	3210	4280	5350	6420	7490	8560	9630
42x42	NC	22	29	33	36	38	40	41	42	44
44x44	Airflow, cfm	1157	2314	3471	4628	5785	6942	8099	9256	10413
42x42	NC	22	29	33	36	38	40	41	43	44
48x42	Airflow, cfm	1182	2364	3546	4728	5910	7092	8274	9456	10638
48x42	NC	22	29	33	36	38	40	42	43	44
46x46	Airflow, cfm	1299	2598	3897	5196	6495	7794	9093	10392	11691
48x46	NC	23	30	34	36	39	40	42	43	44
48x46	Airflow, cfm	1354	2708	4062	5416	6770	8124	9478	10832	12186
48x46	NC	23	30	34	37	39	41	42	43	45
46x46	Airflow, cfm	1422	2844	4266	5688	7110	8532	9954	11376	12798
48x46	NC	23	30	34	37	39	41	43	44	45
48x48	Airflow, cfm	1485	2970	4455	5940	7425	8910	10395	11880	13365
48x48	NC	23	30	34	37	39	41	43	44	45
48x48	Airflow, cfm	1550	3100	4650	6200	7750	9300	10850	12400	13950
48x48	NC	24	30	34	37	39	41	43	44	45



Performance Data

550 H or V (3/4" spacing at 0°)

Nom. Duct Size (in.)	Core Velocity Vel. Press. Neg. Static Press	300 0.006 0.012	400 0.010 0.022	500 0.016 0.034	600 0.022 0.049	700 0.031 0.067	900 0.050 0.111	1100 0.075 0.165	1300 0.105 0.231	1500 0.140 0.307
6x6	Airflow, cfm NC	57 -	76 -	95 -	114 -	133 13	171 20	209 26	247 31	285 35
8x6	Airflow, cfm NC	78 -	104 -	130 -	156 -	182 14	234 22	286 27	338 32	390 36
10x6	Airflow, cfm NC	102 -	136 -	170 -	204 11	238 16	306 23	374 28	442 33	510 37
8x8	Airflow, cfm NC	111 -	148 -	185 -	222 12	259 16	333 23	407 29	481 34	555 38
12x6	Airflow, cfm NC	123 -	164 -	205 -	246 12	287 16	369 24	451 29	533 34	615 38
14x6	Airflow, cfm NC	144 -	192 -	240 -	288 13	336 17	432 24	528 30	624 35	720 39
16x6	Airflow, cfm NC	171 -	228 -	285 -	342 13	399 18	513 25	627 31	741 36	855 40
12x8	Airflow, cfm NC	177 -	236 -	295 -	354 14	413 18	531 25	649 31	767 36	885 40
10x10	Airflow, cfm NC	189 -	252 -	315 -	378 14	441 18	567 25	693 31	819 36	945 40
18x6	Airflow, cfm NC	216 -	288 -	360 -	432 14	504 19	648 26	792 32	936 37	1080 41
20x6	Airflow, cfm NC	231 -	308 -	385 -	462 15	539 19	693 26	847 32	1001 37	1155 41
22x6	Airflow, cfm NC	264 -	352 -	440 -	528 15	616 20	792 27	968 33	1144 37	1320 42
24x6	Airflow, cfm NC	333 -	444 -	555 11	666 16	777 21	999 28	1221 34	1443 38	1665 43
18x10	Airflow, cfm NC	366 -	488 -	610 11	732 17	854 21	1098 28	1342 34	1586 39	1830 43
14x14	Airflow, cfm NC	405 -	540 -	675 12	810 17	945 22	1215 29	1485 35	1755 39	2025 43
36x6	Airflow, cfm NC	411 -	548 -	685 12	822 17	959 22	1233 29	1507 35	1781 39	2055 43
22x10	Airflow, cfm NC	447 -	596 -	745 12	894 18	1043 22	1341 29	1639 35	1937 40	2235 44
30x8	Airflow, cfm NC	477 -	636 -	795 13	954 18	1113 22	1431 29	1749 35	2067 40	2385 44
18x14	Airflow, cfm NC	486 -	648 -	810 13	972 18	1134 22	1458 30	1782 35	2106 40	2430 44
16x16	Airflow, cfm NC	546 -	728 -	910 13	1092 18	1274 23	1638 30	2002 36	2366 41	2730 45
24x12	Airflow, cfm NC	621 -	828 -	1035 14	1242 19	1449 23	1863 31	2277 36	2691 41	3105 45
18x18	Airflow, cfm NC	642 -	856 -	1070 14	1284 19	1498 24	1926 31	2354 37	2782 41	3210 45
30x12	Airflow, cfm NC	687 -	916 -	1145 14	1374 19	1603 24	2061 31	2519 37	2977 42	3435 46
24x16	Airflow, cfm NC	738 -	984 -	1230 15	1476 20	1722 24	2214 31	2706 37	3198 42	3690 46
20x20	Airflow, cfm NC	771 -	1028 -	1285 15	1542 20	1799 24	2313 32	2827 37	3341 42	3855 46
36x12	Airflow, cfm NC	825 -	1100 -	1375 15	1650 20	1925 25	2475 32	3025 38	3575 42	4125 47
30x16	Airflow, cfm NC	933 -	1244 -	1555 16	1866 21	2177 25	2799 32	3421 38	4043 43	4665 47
24x20	Airflow, cfm NC	942 -	1256 -	1570 16	1884 21	2198 25	2826 32	3454 38	4082 43	4710 47
22x22	Airflow, cfm NC	966 -	1288 -	1610 16	1932 21	2254 25	2898 33	3542 38	4186 43	4830 47
36x14	Airflow, cfm NC	1029 -	1372 -	1715 16	2058 21	2401 26	3087 33	3773 39	4459 43	5145 47
24x22	Airflow, cfm NC	1050 -	1400 -	1750 16	2100 21	2450 26	3150 33	3850 39	4550 43	5250 48
30x18	Airflow, cfm NC	-	-	16	21	26	33	39	43	48

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Nom. Duct Size (in.)	Core Velocity Vel. Press. Neg. Static Press	300 0.006 0.012	400 0.010 0.022	500 0.016 0.034	600 0.022 0.049	700 0.031 0.067	900 0.050 0.111	1100 0.075 0.165	1300 0.105 0.231	1500 0.140 0.307
48x12	Airflow, cfm	1125	1500	1875	2250	2625	3375	4125	4875	5625
24x24	NC	-	-	16	22	26	33	39	44	48
36x18	Airflow, cfm	1266	1688	2110	2532	2954	3798	4642	5486	6330
36x20	NC	-	-	17	22	27	34	39	44	48
30x24	Airflow, cfm	1413	1884	2355	2826	3297	4239	5181	6123	7065
30x24	NC	-	11	17	23	27	34	40	45	49
42x18	Airflow, cfm	1482	1976	2470	2964	3458	4446	5434	6422	7410
42x18	NC	-	11	18	23	27	34	40	45	49
28x28	Airflow, cfm	1548	2064	2580	3096	3612	4644	5676	6708	7740
28x28	NC	-	11	18	23	27	35	40	45	49
42x20	Airflow, cfm	1653	2204	2755	3306	3857	4959	6061	7163	8265
30x28	NC	-	12	18	23	28	35	41	45	50
48x18	Airflow, cfm	1698	2264	2830	3396	3962	5094	6226	7358	8490
36x24	NC	-	12	18	23	28	35	41	46	50
30x30	Airflow, cfm	1782	2376	2970	3564	4158	5346	6534	7722	8910
30x30	NC	-	12	18	24	28	35	41	46	50
42x24	Airflow, cfm	1998	2664	3330	3996	4662	5994	7326	8658	9990
36x28	NC	-	12	19	24	28	36	41	46	50
46x22	Airflow, cfm	2004	2672	3340	4008	4676	6012	7348	8684	10020
46x22	NC	-	12	19	24	29	36	41	46	50
32x32	Airflow, cfm	2034	2712	3390	4068	4746	6102	7458	8814	10170
32x32	NC	-	13	19	24	29	36	42	46	50
36x30	Airflow, cfm	2148	2864	3580	4296	5012	6444	7876	9308	10740
36x30	NC	-	13	19	24	29	36	42	47	51
48x24	Airflow, cfm	2289	3052	3815	4578	5341	6867	8393	9919	11445
36x32	NC	-	13	19	25	29	36	42	47	51
34x34	Airflow, cfm	2304	3072	3840	4608	5376	6912	8448	9984	11520
34x34	NC	-	13	19	25	29	36	42	47	51
36x34	Airflow, cfm	2442	3256	4070	4884	5698	7326	8954	10582	12210
36x34	NC	-	13	20	25	29	37	42	47	51
42x30	Airflow, cfm	2514	3352	4190	5028	5866	7542	9218	10894	12570
42x30	NC	-	13	20	25	29	37	42	47	51
36x36	Airflow, cfm	2589	3452	4315	5178	6041	7767	9493	11219	12945
36x36	NC	-	14	20	25	30	37	43	47	51
42x34	Airflow, cfm	2880	3840	4800	5760	6720	8640	10560	12480	14400
48x30	NC	-	14	20	26	30	37	43	48	52
38x38	Airflow, cfm	2892	3856	4820	5784	6748	8676	10604	12532	14460
38x38	NC	-	14	20	26	30	37	43	48	52
42x36	Airflow, cfm	3030	4040	5050	6060	7070	9090	11110	13130	15150
42x36	NC	-	14	21	26	30	38	43	48	52
46x34	Airflow, cfm	3135	4180	5225	6270	7315	9405	11495	13585	15675
46x34	NC	-	14	21	26	30	38	43	48	52
42x38	Airflow, cfm	3201	4268	5335	6402	7469	9603	11737	13871	16005
42x38	NC	-	14	21	26	31	38	44	48	52
40x40	Airflow, cfm	3210	4280	5350	6420	7490	9630	11770	13910	16050
40x40	NC	-	15	21	26	31	38	44	48	52
48x36	Airflow, cfm	3471	4628	5785	6942	8099	10413	12727	15041	17355
48x36	NC	-	15	21	26	31	38	44	49	53
42x42	Airflow, cfm	3546	4728	5910	7092	8274	10638	13002	15366	17730
42x42	NC	-	15	21	27	31	38	44	49	53
44x44	Airflow, cfm	3897	5196	6495	7794	9093	11691	14289	16887	19485
44x44	NC	-	15	22	27	31	39	44	49	53
48x42	Airflow, cfm	4062	5416	6770	8124	9478	12186	14894	17602	20310
48x42	NC	-	16	22	27	32	39	45	49	53
46x46	Airflow, cfm	4266	5688	7110	8532	9954	12798	15642	18486	21330
46x46	NC	-	16	22	27	32	39	45	50	54
48x46	Airflow, cfm	4455	5940	7425	8910	10395	13365	16335	19305	22275
48x46	NC	-	16	22	28	32	39	45	50	54
48x48	Airflow, cfm	4650	6200	7750	9300	10850	13950	17050	20150	23250
48x48	NC	-	16	23	28	32	39	45	50	54