



ENGINEERING DATA

DXFR, ADXFR

Nom Duct Size	Core Vel. (fpm)	200	250	300	350	400	450	500	550	600
	Vel. Pressure	0.003	0.004	0.006	0.008	0.01	0.013	0.016	0.019	0.022
	DXFR Static Pressure	0.028	0.044	0.063	0.086	0.113	0.143	0.176	0.213	0.254
	ADXFR Static Pressure	0.027	0.043	0.062	0.084	0.11	0.139	0.172	0.208	0.247
6x6	Airflow (CFM)	38	48	57	67	76	86	95	105	114
	NC	15	20	24	27	30	32	34	36	38
8x6	Airflow (CFM)	52	65	78	91	104	117	160	143	156
	NC	16	21	25	28	31	33	36	38	39
10x6	Airflow (CFM)	68	85	102	119	136	153	170	187	204
	NC	18	22	26	29	32	35	37	39	41
8x8	Airflow (CFM)	74	93	111	130	148	167	185	204	222
	NC	18	23	26	30	32	35	37	39	41
12x6	Airflow (CFM)	82	103	123	144	164	185	205	226	246
	NC	18	23	27	30	33	35	38	40	41
14x6	Airflow (CFM)	96	120	144	168	192	216	240	264	288
	NC	19	24	28	32	34	37	39	41	43
16x6 or 12x8	Airflow (CFM)	114	143	171	200	228	257	285	314	342
	NC	20	24	28	31	34	36	38	40	42
10x10	Airflow (CFM)	118	148	177	207	236	266	295	325	354
	NC	20	25	28	32	34	37	39	41	43
18x6	Airflow (CFM)	126	158	189	221	252	284	315	347	378
	NC	20	25	29	32	35	37	39	41	43
20x6 or 12x10	Airflow (CFM)	144	180	216	252	288	324	360	396	432
	NC	21	25	29	33	35	38	40	42	44
22x6	Airflow (CFM)	154	193	231	270	308	347	385	424	462
	NC	21	26	30	33	36	38	40	42	44
24x6 or 12x12	Airflow (CFM)	176	220	264	308	352	396	440	484	528
	NC	22	26	30	33	36	39	41	43	45
18x10 or 30x6	Airflow (CFM)	222	278	333	389	444	500	555	611	666
	NC	23	27	31	34	37	40	42	44	46
14x14	Airflow (CFM)	244	305	366	437	488	549	610	671	732
	NC	23	28	32	358	38	40	42	44	46
18x12	Airflow (CFM)	270	338	405	473	540	608	675	743	810
	NC	24	28	32	35	38	41	43	45	47
22x10	Airflow (CFM)	274	343	411	480	548	617	685	754	822
	NC	24	28	32	35	38	41	43	45	47
24x10 or 30x8	Airflow (CFM)	298	373	447	522	596	671	745	820	894
	NC	24	28	32	35	38	41	43	45	47
18x14 or 42x6	Airflow (CFM)	318	398	477	557	636	716	795	875	954
	NC	24	29	33	36	39	41	43	45	47



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16x16	Airflow (CFM)	324	405	486	567	648	729	810	891	972
	NC	24	29	33	36	39	41	44	46	47
18x16 or 24x12	Airflow (CFM)	364	455	546	637	728	819	910	1001	1092
	NC	25	30	33	37	39	42	44	46	48
18x18	Airflow (CFM)	414	518	621	725	828	932	10035	1139	1242
	NC	25	30	34	37	40	42	45	47	48
24x14	Airflow (CFM)	428	535	642	749	856	963	1070	1177	1284
	NC	26	30	34	37	40	42	45	47	49
30x12	Airflow (CFM)	458	573	687	802	916	1031	1145	1260	1374
	NC	26	31	34	38	40	43	45	47	49
24x16	Airflow (CFM)	493	615	738	861	984	1107	1230	1353	1476
	NC	26	31	35	38	41	43	45	47	49
20x20	Airflow (CFM)	514	643	771	900	1028	1157	1258	1414	1542
	NC	26	31	35	38	41	43	46	48	49
24x20 or 30x16	Airflow (CFM)	622	778	933	1089	1244	1400	1555	1711	1866
	NC	27	32	36	39	42	44	46	48	50
22x22	Airflow (CFM)	628	785	942	1099	1256	1413	1570	1727	1884
	NC	27	32	36	39	42	44	46	48	50
24x22	Airflow (CFM)	686	858	1029	1201	1372	1544	1715	1887	2058
	NC	28	32	36	39	42	45	47	49	51
30x18	Airflow (CFM)	700	875	1050	1225	1400	1575	1750	1925	2100
	NC	28	32	36	39	42	45	47	49	51
24x24	Airflow (CFM)	750	938	1125	1313	1500	1688	1875	2063	2250
	NC	28	33	36	40	43	45	47	49	51
30x24	Airflow (CFM)	942	1178	1413	1649	1884	2120	2355	2591	2826
	NC	29	34	37	41	43	46	48	50	52
28x28	Airflow (CFM)	1032	1290	1548	1806	2064	2322	2580	2838	2096
	NC	29	34	38	41	44	46	49	51	52
30x28	Airflow (CFM)	1102	1378	1653	1929	2204	2480	2755	3031	3306
	NC	30	34	38	41	44	47	49	51	53
30x30	Airflow (CFM)	1188	1485	1782	2079	2376	2673	2970	3267	3564
	NC	30	35	38	42	44	47	49	51	53

Notes:

1. Static pressures are negative, in inches of water, measured per ANSI/ASHRAE Standard 70-2006.
2. NC based on room absorption of 10dB, re 10⁻¹² watts, measured per ANSI/ASHRAE Standard 70-2006.