

Nominal Duct Size (in. x in.)	Nominal Duct Area (sq. ft.)	Ak	Core Velocity (fpm)	300	400	500	600	700	800	900	1000
			Press Loss _T (in. w.g.)	0.006	0.010	0.016	0.022	0.031	0.040	0.050	0.062
6 x 4	0.17	0.08	Air Flow (cfm)	24	32	40	48	56	64	72	80
			Throw (ft.)	4.0	4.5	6.0	7.0	8.5	10.0	11.0	12.5
8 x 4	0.22	0.11	Air Flow (cfm)	33	44	56	67	78	89	100	111
			Throw (ft.)	4.5	5.5	7.0	8.5	10.0	11.5	13.0	14.5
6 x 6	0.25	0.13	Air Flow (cfm)	39	51	64	77	90	103	116	129
			Throw (ft.)	5.0	6.0	7.5	9.0	11.0	12.5	14.0	15.5
			NC (db)								
10 x 4	0.28	0.15	Air Flow (cfm)	44	58	73	88	102	117	131	146
			Throw (ft.)	5.0	6.5	8.0	9.5	11.5	13.0	14.5	16.0
8 x 6 12 x 4	0.33	0.18	Air Flow (cfm)	54	72	90	108	126	144	162	180
			Throw (ft.)	5.5	7.0	9.0	10.5	12.5	14.0	16.0	18.0
14 x 4	0.39	0.22	Air Flow (cfm)	65	86	108	129	151	172	194	216
			Throw (ft.)	6.0	7.5	9.5	11.5	13.5	15.5	17.0	19.0
10 x 6	0.42	0.25	Air Flow (cfm)	74	98	123	148	172	197	221	246
			Throw (ft.)	6.0	8.0	10.0	12.0	14.0	16.0	18.0	20.0
8 x 8 16 x 4	0.44	0.26	Air Flow (cfm)	79	105	131	158	184	210	236	263
			Throw (ft.)	6.0	8.0	10.0	12.0	14.5	16.5	18.5	20.5
12 x 6	0.50	0.30	Air Flow (cfm)	89	118	148	178	207	237	266	296
			Throw (ft.)	6.5	8.5	11.0	13.0	15.5	17.5	19.5	22.0
10 x 8	0.56	0.35	Air Flow (cfm)	104	138	173	208	242	277	311	346
			Throw (ft.)	7.0	9.0	11.5	13.5	16.5	18.5	21.0	23.5
14 x 6	0.58	0.36	Air Flow (cfm)	108	144	181	217	253	289	325	361
			Throw (ft.)	7.0	9.5	12.0	14.0	16.5	19.0	21.5	24.0
12 x 8 16 x 6	0.67	0.43	Air Flow (cfm)	128	171	214	257	299	342	385	428
			Throw (ft.)	7.5	10.0	12.5	15.0	18.0	20.5	23.0	25.5
10 x 10	0.69	0.46	Air Flow (cfm)	137	183	228	274	320	365	411	457
			Throw (ft.)	8.0	10.0	13.0	15.5	18.5	21.0	23.5	26.5
18 x 6 14 x 8	0.75	0.52	Air Flow (cfm)	155	206	258	309	361	412	466	516
			Throw (ft.)	8.0	10.5	14.0	16.0	19.5	22.0	25.0	28.0
12 x 10 20 x 6	0.83	0.55	Air Flow (cfm)	165	220	275	330	385	440	495	550
			Throw (ft.)	8.5	11.0	14.5	17.0	20.0	23.0	25.5	29.0
16 x 8	0.89	0.60	Air Flow (cfm)	180	240	300	360	420	480	540	600
			Throw (ft.)	8.5	11.0	14.5	17.0	20.0	23.0	25.5	29.0
12 x 12 24 x 6	1.00	0.68	Air Flow (cfm)	205	270	340	410	475	545	610	680
			Throw (ft.)	10	12	16	19	22	25	28	32
20 x 8	1.11	0.76	Air Flow (cfm)	230	305	380	455	530	610	685	760
			Throw (ft.)	10.0	13.0	16.5	19.0	23.0	26.0	28.5	33.0
30 x 6	1.25	0.88	Air Flow (cfm)	265	350	440	530	615	705	790	880
			Throw (ft.)	10.5	14.0	17.5	20.5	24.5	28.0	31.5	35.0

- Terminal Velocity is 75 FPM