

Core Area ft²

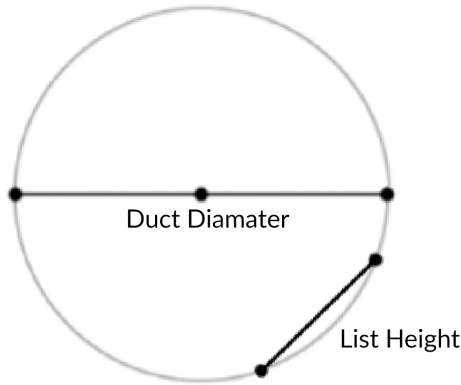
OPENING LENGTH inches

OPENING HEIGHT inches	OPENING LENGTH inches																				
	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
3"	0.11	0.14	0.17	0.20	0.23	0.26	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.53	0.56	0.60	0.63	0.66	0.69	0.72
4"	0.16	0.20	0.25	0.29	0.34	0.38	0.42	0.47	0.51	0.56	0.60	0.65	0.69	0.73	0.78	0.82	0.87	0.91	0.96	1.00	1.04
5"	0.21	0.27	0.33	0.38	0.44	0.50	0.56	0.62	0.67	0.73	0.79	0.85	0.91	0.97	1.02	1.08	1.14	1.20	1.26	1.31	1.37
6"	0.26	0.33	0.40	0.48	0.55	0.62	0.69	0.76	0.84	0.91	0.98	1.05	1.12	1.20	1.27	1.34	1.41	1.48	1.56	1.63	1.70
7"	0.31	0.39	0.48	0.57	0.65	0.74	0.82	0.91	1.00	1.08	1.17	1.25	1.34	1.43	1.51	1.60	1.68	1.77	1.86	1.94	2.03
8"	0.36	0.46	0.56	0.66	0.76	0.86	0.96	1.06	1.16	1.26	1.36	1.46	1.56	1.66	1.76	1.86	1.96	2.06	2.16	2.26	2.36
9"	0.41	0.52	0.64	0.75	0.86	0.98	1.09	1.20	1.32	1.43	1.55	1.66	1.77	1.89	2.00	2.11	2.23	2.34	2.46	2.57	2.68
10"	0.46	0.59	0.71	0.84	0.97	1.10	1.22	1.35	1.48	1.61	1.73	1.86	1.99	2.12	2.25	2.37	2.50	2.63	2.76	2.88	3.01
11"	0.51	0.65	0.79	0.93	1.07	1.22	1.36	1.50	1.64	1.78	1.92	2.06	2.21	2.35	2.49	2.63	2.77	2.91	3.06	3.20	3.34
12"	0.56	0.71	0.87	1.02	1.18	1.34	1.49	1.65	1.80	1.96	2.11	2.27	2.42	2.58	2.73	2.89	3.04	3.20	3.36	3.51	3.67

CFM (600 fpm)

OPENING LENGTH inches

OPENING HEIGHT inches	OPENING LENGTH inches																				
	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"
3"	66	84	102	120	138	157	175	193	211	230	248	266	284	302	321	339	357	375	394	412	430
4"	95	122	149	175	202	228	255	281	308	335	361	388	414	441	467	494	520	547	574	600	627
5"	125	160	195	230	265	300	335	370	405	439	474	509	544	579	614	649	684	719	754	788	823
6"	155	199	242	285	328	372	415	458	501	544	588	631	674	717	761	804	847	890	933	977	1020
7"	185	237	288	340	392	443	495	546	598	649	701	752	804	856	907	959	1010	1062	1113	1165	1217
8"	215	275	335	395	455	515	575	635	694	754	814	874	934	994	1054	1114	1174	1233	1293	1353	1413
9"	245	313	382	450	518	586	655	723	791	859	927	996	1064	1132	1200	1269	1337	1405	1473	1542	1610
10"	275	352	428	505	581	658	735	811	888	964	1041	1117	1194	1270	1347	1424	1500	1577	1653	1730	1806
11"	305	390	475	560	645	730	814	899	984	1069	1154	1239	1324	1409	1494	1579	1663	1748	1833	1918	2003
12"	335	428	522	615	708	801	894	988	1081	1174	1267	1361	1454	1547	1640	1733	1827	1920	2013	2106	2200



Duct Diameter	Maximum List Height
5"	3"
6	3
7	4
8	4
9	4
10	5
11	5
12	6
13	6
14	6
15	6
16	7
17	7
18	7
19	7
20	8
21	8
22	8
23	8
24	9
25	9
26	9
27	9
28	9
29	10
30	10
31	10
32	10
33	10
34	11
35	11
36	11
37	11
38	11
39	11
40	12

Anything less than the Maximum List Height will fit your required Duct Diameter.

E.g.: A Duct Diameter of 12" can fit a height 6" or smaller.

Finding Comparable Sizes

If a requested list height is **incompatible** with the required duct diameter, follow these steps:

1. Find the CFM of the specified dimension.
2. Find the Maximum List Height with the specified Duct Diameter.
3. Using that Height, find CFM that matches the value from step 1.
4. The Length x Height combination has comparable CFM to the original product and will fit the duct diameter.

Example:

Customer requests a 12 x 4" product to fit a 6" Duct Diameter.

1. 12 x 4" = 149 CFM
2. 6" Duct Diameter = 3" Maximum List Height.
3. Closest compatible sizes:
 - 16 x 3" = 138 CFM
 - 18 x 3" = 157 CFM