

RECTANGULAR SILENCER CROSS SECTION DIMENSIONS

Use this chart to determine Rectangular Silencer Models (RD, RFL and RNM) available to match your duct or opening dimensions.

“A” Dimension:

“A” Dimension (inches)	Frequency Indicator Available
6	F9
7-8	F8
9	F7
10	F6, F9
11	F5, F9
12	F4, F9
13	F3, F9
14	F2, F8
15-16	F1, F8
17-18	F7
19	F6
20	F6, F9
21-22	F5, F9
23-24	F4, F9
25-26	F3, F9
27-28	F2, F8
29	F1, F8
30-32	F1, F8, F9
33-37	F7, F9
38-40	F6, F9
41	F6, F8, F9
42-45	F5, F8, F9
46-49	F4, F8, F9
50-53	F3, F7, F9
54-56	F2, F7, F8, F9
57	F2, F6, F8, F9

“A” Dimension (inches)	Frequency Indicator Available
58-62	F1, F6, F8, F9
63-64	F1, F5, F8, F9
65	F5, F8, F9
66-67	F5, F7, F9
68	F5, F7, F8, F9
69-74	F4, F7, F8, F9
75	F3, F7, F8, F9
76-80	F3, F6, F8, F9
81-82	F2, F6, F8, F9
83	F2, F6, F7, F8, F9
84-86	F2, F5, F7, F8, F9
87-91	F1, F5, F7, F8, F9
92-94	F1, F4, F7, F8, F9
95-96	F1, F4, F6, F8, F9
97-98	F4, F6, F8, F9
99	F4, F6, F7, F8, F9
100-104	F3, F6, F7, F8, F9
105-107	F3, F5, F7, F8, F9
108-113	F2, F5, F7, F8, F9
114	F2, F5, F6, F8, F9
115	F2, F4, F6, F8, F9
116-124	F1, F4, F6, F7, F8, F9
125	F1, F3, F6, F7, F8, F9
126-128	F1, F3, F5, F7, F8, F9
129-132	F3, F5, F7, F8, F9
133-134	F3, F5, F6, F7, F8, F9

“A” Dimension (inches)	Frequency Indicator Available
135-137	F2, F5, F6, F7, F8, F9
138-144	F2, F4, F6, F7, F8, F9
145-146	F1, F4, F6, F7, F8, F9
147-149	F1, F4, F5, F7, F8, F9
150-151	F1, F3, F5, F7, F8, F9
152-160	F1, F3, F5, F6, F7, F8, F9
161	F3, F4, F6, F7, F8, F9
162-167	F2, F4, F6, F7, F8, F9
168-170	F2, F4, F5, F7, F8, F9
171-173	F2, F4, F5, F6, F7, F8, F9
174	F1, F4, F5, F6, F7, F8, F9
175-183	F1, F3, F5, F6, F7, F8, F9
184-188	F1, F3, F4, F6, F7, F8, F9
189	F1, F2, F4, F5, F7, F8, F9
190-192	F1, F2, F4, F5, F6, F7, F8, F9
193-199	F2, F4, F5, F6, F7, F8, F9
200-202	F2, F3, F5, F6, F7, F8, F9
203-206	F1, F3, F5, F6, F7, F8, F9
207-209	F1, F3, F4, F6, F7, F8, F9
210-215	F1, F3, F4, F5, F6, F7, F8, F9
216-224	F1, F2, F4, F5, F6, F7, F8, F9
225-229	F2, F3, F5, F6, F7, F8, F9
230	F2, F3, F4, F6, F7, F8, F9
231	F2, F3, F4, F5, F6, F7, F8, F9
232-240	F1, F3, F4, F5, F6, F7, F8, F9

“B” Dimension: Available in Any Size

Note 1: Dimensions are not limited to integer values. Fractional dimensions available within size range noted above.

Note 2: Silencers with “A” or “B” dimension greater than 48” are generally supplied in multiple pieces.

Note 3: “A” dimension can be selected to match either duct width or duct height dimension. It is recommended to match the “A” dimension to the duct width for horizontal duct runs with a duct height greater than 32”.

Conversions: Imperial / International System of Units (SI)			
Imperial	SI	SI	Imperial
1 in =	25.4 mm	1 mm =	.03937 in
1 ft =	0.3048 m	1 m =	3.281 ft
1 ft ² =	0.09290 m ²	1 m ² =	10.7649 ft ²
1 ft ³ =	0.02832 m ³	1 m ³ =	35.3198 ft ³
1 lb =	0.4536 kg	1 kg =	2.205 lbs
1 fpm =	0.00508 m/s	1 m/s =	196.85 fpm
1 cfm =	0.47195 l/s	1 l/s =	2.119 cfm
1 i.w.g. =	249.1 Pa	1 Pa =	0.00401 i.w.g.