



FIRE DAMPER SIZE CHART

Duct Height		Type "B" Damper Height		Type "C" Damper Height		Duct Height		Type "B" Damper Height		Type "C" Damper Height	
Inches	(MM)	Inches	(MM)	Inches	(MM)	Inches	(MM)	Inches	(MM)	Inches	(MM)
3	76	5	127	6	152	61	1549	64	1625	65	1651
4	102	6	152	7	178	62	1575	65	1651	66	1676
5	127	7	178	8	203	63	1600	66	1676	67	1702
6	152	8	203	9	229	64	1625	67	1702	69	1752
7	178	9	229	10	254	65	1651	69	1752	70	1778
8	203	10	254	11	279	66	1676	70	1778	71	1803
9	229	11	279	12	305	67	1702	71	1803	72	1829
10	254	12	305	13	330	68	1727	72	1829	73	1854
11	279	13	330	14	356	69	1752	73	1854	74	1880
12	305	14	356	15	381	70	1778	74	1880	75	1905
13	330	15	381	16	406	71	1803	75	1905	76	1930
14	356	16	406	17	432	72	1829	76	1930	77	1956
15	381	17	432	18	457	73	1854	77	1956	78	1981
16	406	18	457	19	483	74	1880	78	1981	79	2007
17	432	19	483	20	508	75	1905	79	2007	80	2032
18	457	20	508	21	533	76	1930	80	2032	81	2058
19	483	21	533	22	559	77	1956	81	2058	82	2083
20	508	22	559	23	584	78	1981	82	2083	83	2108
21	533	24	610	25	635	79	2007	83	2108	84	2134
22	559	25	635	26	660	80	2032	84	2134	85	2159
23	584	26	660	27	686	81	2058	85	2159	86	2184
24	610	27	686	28	711	82	2083	86	2184	87	2210
25	635	28	711	29	737	83	2108	87	2210	88	2235
26	660	29	737	30	762	84	2134	88	2235	90	2286
27	686	30	762	31	787	85	2159	90	2286	91	2311
28	711	31	787	32	813	86	2184	91	2311	92	2237
29	737	32	813	33	838	87	2210	92	2237	93	2362
30	762	33	838	34	864	88	2235	93	2362	94	2387
31	787	34	864	35	889	89	2260	94	2387	95	2413
32	813	35	889	36	914	90	2286	95	2413	96	2438
33	838	37	940	38	965	91	2311	96	2438	97	2464
34	864	38	965	39	991	92	2237	97	2464	98	2490
35	889	39	991	40	1016	93	2362	98	2490	99	2514
36	914	40	1016	41	1041	94	2387	99	2514	100	2540
37	940	41	1041	42	1067	95	2413	100	2540	101	2565
38	965	42	1067	43	1092	96	2438	101	2565	102	2591
39	991	43	1092	44	1118	97	2464	102	2591	103	2616
40	1016	44	1118	45	1143	98	2490	103	2616	104	2641
41	1041	45	1143	46	1168	99	2514	104	2641	105	2667
42	1067	46	1168	47	1194	100	2540	105	2667	106	2692
43	1092	48	1219	49	1245	101	2565	106	2692	107	2718
44	1118	49	1245	50	1270	102	2591	107	2718	108	2743
45	1143	50	1270	51	1295	103	2616	108	2743	109	2768
46	1168	51	1295	52	1321	104	2641	109	2768	110	2794
47	1194	52	1321	53	1346	105	2667	110	2794	111	2819
48	1219	53	1346	54	1372	106	2692	111	2819	112	2845
49	1245	54	1372	55	1396	107	2718	112	2845	113	2870
50	1270	55	1397	56	1421	108	2743	113	2870	114	2895
51	1295	56	1422	57	1446	109	2768	114	2895	115	2921
52	1321	57	1448	58	1472	110	2794	115	2921	116	2946
53	1346	58	1473	59	1499	111	2819	116	2946	117	2972
54	1372	59	1499	60	1524	112	2845	117	2972	118	2997
55	1396	60	1524	59	1499	113	2870	118	2997	119	3022
56	1421	59	1499	60	1524	114	2895	119	3022	120	3048
57	1446	60	1524	61	1549	115	2921	120	3048		
58	1472	61	1549	62	1575						
59	1499	62	1575	63	1600						
60	1524	63	1600	64	1625						

FDSC - 01-03



FIRE DAMPER SIZE CHART

EXAMPLES

NOTE: Maximum single section for Dynamic Dampers – 36" x 36"

Type A

Width: same as duct
Height: same as duct
e.g. Duct 40" x 36"
Damper* 40" x 36"
Opening** 40-1/2" x 36-3/8"

Type B

Width: same as duct
Height: as per list (see size chart)
e.g. Duct 40" x 36"
Damper* 40" x 40"
Opening** 40-1/2" x 40-1/2"

Type C

Width: duct size plus 1"
Height: as per list (see size chart)
e.g. Duct 40" x 36"
Damper * 41" x 41"
Opening** 41-1/2" x 41-1/2"
e.g. Duct 40" Dia.
Damper 41" x 45"
Opening** 41-1/2" x 45-1/2"

Type C Round Collars

Length 1-1/4" each
Inside Dia.: nominal - 1/4"
Outside Dia.: nominal - 3/16"
e.g. Duct 12" Dia.
Damper 14" x 15"
Opening** 14.5" x 15.5"

NOTES: * Standard dampers are Duct size – 1/4" on both height and width.

**For exact opening sizes see installations instructions.
If UL/ULC size restrictions dictate use of Multisection Dampers, size chart may be affected at various Blade Cap Height Changes, i.e. 2" to 3" or 3" to 4" Caps – see example.

Type B 40 x 40 Duct
40 x 45 Damper
(2 sections of 1-40 x 20 & 1-40 x 20-1/4)
40-1/2 x 45-1/2 Opening