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STATIC SYSTEM FIRE DAMPERS

Model 150AV: Static, Blades in airstream, Vertical Damper Model 150EV: Static Slimline Damper (1.5Hr) Rated, Vertical Damper Model 150FV: Static Slimline Damper (3Hr) Rated, Vertical Damper

	6	8	12	16	20	24	28	32	36	40	44	48
6	\$10.00	\$10.00	\$11.00	\$13.00	\$14.00	\$15.00	\$19.00	\$21.00	\$23.00	\$24.00	\$27.00	\$29.00
8	\$10.00	\$10.00	\$12.00	\$14.00	\$17.00	\$19.00	\$21.00	\$22.00	\$24.00	\$25.00	\$29.00	\$30.00
12	\$11.00	\$12.00	\$13.00	\$19.00	\$21.00	\$24.00	\$25.00	\$27.00	\$30.00	\$33.00	\$35.00	\$39.00
16	\$13.00	\$14.00	\$20.00	\$21.00	\$24.00	\$26.00	\$30.00	\$32.00	\$35.00	\$39.00	\$41.00	\$43.00
20	\$14.00	\$17.00	\$21.00	\$24.00	\$26.00	\$30.00	\$33.00	\$36.00	\$41.00	\$36.00	\$46.00	\$50.00
24	\$15.00	\$19.00	\$24.00	\$26.00	\$30.00	\$33.00	\$36.00	\$41.00	\$44.00	\$44.00	\$52.00	\$56.00
28	\$19.00	\$21.00	\$26.00	\$30.00	\$33.00	\$36.00	\$41.00	\$46.00	\$50.00	\$54.00	\$58.00	\$63.00
32	\$21.00	\$24.00	\$27.00	\$32.00	\$36.00	\$41.00	\$46.00	\$51.00	\$56.00	\$62.00	\$66.00	\$72.00
36	\$23.00	\$25.00	\$30.00	\$35.00	\$41.00	\$44.00	\$50.00	\$56.00	\$62.00	\$68.00	\$75.00	\$82.00
40	\$24.00	\$25.00	\$33.00	\$39.00	\$44.00	\$47.00	\$54.00	\$62.00	\$68.00	\$75.00	\$82.00	\$88.00
44	\$27.00	\$29.00	\$35.00	\$41.00	\$46.00	\$52.00	\$58.00	\$66.00	\$75.00	\$82.00	\$91.00	\$97.00
48	\$29.00	\$30.00	\$37.00	\$43.00	\$50.00	\$56.00	\$63.00	\$72.00	\$82.00	\$88.00	\$97.00	\$106.00

Model 150BV: Static, Blades out of airstream, Vertical Damper

HEIGHT

	6	8	12	16	20	24	28	32	36	40	44	48
6	\$20.00	\$20.00	\$21.00	\$24.00	\$25.00	\$27.00	\$32.00	\$34.00	\$37.00	\$38.00	\$42.00	\$45.00
8	\$20.00	\$20.00	\$23.00	\$25.00	\$29.00	\$32.00	\$34.00	\$36.00	\$38.00	\$40.00	\$45.00	\$46.00
12	\$21.00	\$23.00	\$24.00	\$30.00	\$34.00	\$38.00	\$40.00	\$42.00	\$46.00	\$50.00	\$53.00	\$58.00
16	\$22.00	\$23.00	\$30.00	\$32.00	\$25.00	\$40.00	\$42.00	\$45.00	\$48.00	\$53.00	\$56.00	\$60.00
20	\$23.00	\$27.00	\$32.00	\$35.00	\$38.00	\$42.00	\$46.00	\$50.00	\$56.00	\$59.00	\$62.00	\$66.00
24	\$24.00	\$29.00	\$35.00	\$38.00	\$42.00	\$46.00	\$50.00	\$56.00	\$59.00	\$63.00	\$69.00	\$74.00
28	\$29.00	\$32.00	\$38.00	\$42.00	\$46.00	\$50.00	\$56.00	\$62.00	\$66.00	\$71.00	\$76.00	\$82.00
32	\$32.00	\$35.00	\$39.00	\$45.00	\$50.00	\$56.00	\$62.00	\$68.00	\$74.00	\$81.00	\$86.00	\$93.00
36	\$34.00	\$36.00	\$42.00	\$48.00	\$56.00	\$59.00	\$66.00	\$74.00	\$81.00	\$88.00	\$96.00	\$105.00
40	\$35.00	\$36.00	\$46.00	\$53.00	\$59.00	\$63.00	\$71.00	\$81.00	\$88.00	\$96.00	\$105.00	\$112.00
44	\$39.00	\$41.00	\$48.00	\$56.00	\$62.00	\$69.00	\$76.00	\$86.00	\$96.00	\$105.00	\$116.00	\$123.00
48	\$41.00	\$42.00	\$51.00	\$58.00	\$66.00	\$74.00	\$82.00	\$93.00	\$105.00	\$112.00	\$123.00	\$134.00

Model 150CCV, 150CRV: Static, High Pressure, Round/Rectangular collar, Vertical Damper Model 150DCV, 150DRV: Static, Low Pressure, Round/Rectangular collar, Vertical Damper

	6	8	12	16	20	24	28	32	36	40	44	48
6	\$28.00	\$28.00	\$30.00	\$35.00	\$38.00	\$40.00	\$50.00	\$55.00	\$60.00	\$63.00	\$70.00	\$75.00
8	\$28.00	\$28.00	\$33.00	\$38.00	\$45.00	\$50.00	\$55.00	\$70.00	\$63.00	\$65.00	\$75.00	\$78.00
12	\$30.00	\$33.00	\$35.00	\$50.00	\$55.00	\$63.00	\$65.00	\$83.00	\$78.00	\$85.00	\$90.00	\$100.00
16	\$35.00	\$38.00	\$53.00	\$55.00	\$63.00	\$68.00	\$78.00	\$88.00	\$90.00	\$100.00	\$105.00	\$110.00
20	\$38.00	\$45.00	\$55.00	\$63.00	\$68.00	\$78.00	\$85.00	\$93.00	\$105.00	\$113.00	\$118.00	\$120.00
24	\$40.00	\$50.00	\$63.00	\$68.00	\$78.00	\$85.00	\$93.00	\$105.00	\$113.00	\$120.00	\$133.00	\$143.00
28	\$50.00	\$55.00	\$68.00	\$78.00	\$85.00	\$93.00	\$105.00	\$118.00	\$128.00	\$138.00	\$148.00	\$160.00
32	\$55.00	\$63.00	\$70.00	\$83.00	\$93.00	\$105.00	\$118.00	\$130.00	\$143.00	\$158.00	\$168.00	\$183.00
36	\$60.00	\$65.00	\$78.00	\$90.00	\$105.00	\$113.00	\$128.00	\$143.00	\$158.00	\$173.00	\$190.00	\$208.00
40	\$63.00	\$70.00	\$85.00	\$100.00	\$113.00	\$120.00	\$138.00	\$158.00	\$173.00	\$190.00	\$208.00	\$223.00
44	\$70.00	\$75.00	\$90.00	\$105.00	\$118.00	\$133.00	\$148.00	\$168.00	\$190.00	\$208.00	\$230.00	\$245.00
48	\$75.00	\$78.00	\$95.00	\$110.00	\$120.00	\$143.00	\$160.00	\$183.00	\$208.00	\$223.00	\$245.00	\$268.00

Model 150BH, 150CCH, 150CRH, 150AH,150DH (horizontal) are not available. Please refer to 151 series (spring-loaded) to cover this option.



DYNAMIC SYSTEM FIRE DAMPERS

MODEL 151A: Static/Dynamic, blades in airstream, horizontal or vertical damper

WIDTH

151A	6	8	10	12	16	20	24
6	\$12.74	\$13.54	\$14.33	\$15.13	\$17.52	\$19.11	\$19.11
8	\$13.54	\$14.33	\$15.13	\$16.72	\$18.32	\$20.70	\$23.89
10	\$14.33	\$15.13	\$16.72	\$17.52	\$19.11	\$22.30	\$25.48
12	\$15.13	\$15.93	\$17.52	\$18.32	\$19.91	\$25.48	\$27.87
16	\$17.52	\$18.32	\$19.11	\$19.91	\$23.89	\$27.87	\$30.26
20	\$19.11	\$20.70	\$22.30	\$26.28	\$28.67	\$31.06	\$35.04
24	\$21.50	\$23.89	\$25.48	\$28.67	\$31.06	\$35.04	\$38.22

MODEL 151B: Static/Dynamic, blades out of airstream, horizontal/vertical damper

WIDTH

151B	6	8	12	16	20	24
6	\$26.00	\$26.00	\$27.00	\$30.00	\$32.00	\$33.00
8	\$26.00	\$26.00	\$29.00	\$32.00	\$36.00	\$39.00
12	\$27.00	\$29.00	\$30.00	\$39.00	\$42.00	\$47.00
16	\$30.00	\$32.00	\$41.00	\$42.00	\$47.00	\$50.00
20	\$32.00	\$36.00	\$42.00	\$47.00	\$50.00	\$56.00
24	\$33.00	\$39.00	\$47.00	\$50.00	\$56.00	\$60.00
MODEL 454 CD	C+ +: /D :	1 1 1	. 1 1	11 1 1 1/	. 1 1	

MODEL 151CR: Static/Dynamic, high pressure, rectangular collar, horizontal/vertical damper **MODEL 151CC:** Static/Dynamic, high pressure, round collar, horizontal/vertical damper

WIDTH

151C	6	8	12	16	20	24
6	\$31.00	\$31.00	\$34.00	\$39.00	\$42.00	\$44.00
8	\$31.00	\$31.00	\$36.00	\$42.00	\$50.00	\$55.00
12	\$34.00	\$36.00	\$39.00	\$55.00	\$61.00	\$69.00
16	\$39.00	\$42.00	\$58.00	\$61.00	\$69.00	\$74.00
20	\$42.00	\$50.00	\$61.00	\$69.00	\$74.00	\$85.00
24	\$44.00	\$55.00	\$69.00	\$74.00	\$85.00	\$93.00

MODEL US3: Round Fire Dampers

4"	5"	6"	7"	8"	9"	10"
\$48.91	\$50.44	\$51.97	\$53.50	\$55.03	\$56.55	\$58.08
12"	14"	16"	18"	20"	22"	24"
\$61.14	\$82.54	\$88.65	\$102.41	\$106.99	\$129.92	\$129.92

SLEEVES: Regular & Adjustable 22 Gauge

FACTORY-INSTALLED

HEIGHT

HEIGHT

HEIGHT

SIZE	LIST
8"	\$0.2391
12"	\$0.2826
14"	\$0.3265
16"	\$0.3696

ADJUSTABLE

110,00111	IDJUSTINEE					
SIZE	MODEL	LIST				
8"	ADS	\$17.11				
12"	ADS	\$19.87				
16"	ADS	\$22.40				
18"	ADS	\$30.45				

FACTORY-INSTALLED ANGLES

MODEL	LIST
Standard	\$0.2396
PFA	\$0.2396

PERIMETER	FORMULAS
Square:	2(W)+2(H)
Round:	(2r+1/2)PI



CEILING RADIATION DAMPERS & ACCESSORIES

MODEL 615 CEILING RADIATION DAMPERS

615		WIDTH IN INCHES - NOMINAL BLADE LENGTH						
Inches	6	8	10	12	16	18	20	24
4	\$17.52	\$17.52	\$18.32	\$19.11	\$26.28	\$27.08	\$28.67	\$29.46
6	\$17.52	\$18.32	\$19.11	\$19.11	\$27.08	\$28.67	\$29.46	\$30.26
8	\$18.32	\$19.11	\$23.09	\$23.89	\$28.67	\$29.46	\$31.06	\$32.65
10	\$19.11	\$23.09	\$23.89	\$27.08	\$29.46	\$31.06	\$32.65	\$34.24
12	\$21.50	\$23.89	\$27.08	\$29.46	\$31.85	\$33.45	\$34.24	\$37.43
16	\$27.08	\$28.67	\$29.46	\$31.85	\$34.24	\$35.04	\$37.43	\$39.82
18	\$28.67	\$29.46	\$31.06	\$33.45	\$35.04	\$38.22	\$39.82	\$40.61
20	\$29.46	\$31.06	\$32.65	\$34.24	\$37.43	\$39.82	\$44.59	\$45.39
24	\$30.26	\$32.65	\$34.24	\$37.43	\$39.02	\$40.61	\$45.39	\$50.17

MODEL 616

HEIGHT

SIZE	4	5	6	7	8	9	10	12	14	16	18	20	22	24
LIST	\$18.32	\$18.32	\$19.11	\$20.70	\$21.50	\$21.50	\$22.30	\$29.46	\$31.06	\$36.63	\$41.41	\$46.98	\$54.15	\$55.74

EXTRA LINKS

PART NO.	MODEL	SIZE	TEMPERATURE F.	LIST
FL165-S	L1	Small	165	\$4.89
FL165-L	L1	Large	165	\$4.89
FL212-S	L2	Small	212	\$10.87
FL212-L	L2	Large	212	\$10.87

FIRE CERAMIC BLANKET

PART NO.	SIZE	LIST
FCB24	24X24	\$13.98
FCB28	28X28	\$17.84

FIRE DAMPER MOUNTING ANGLES (10' L)

PART NO.	SIZE	GAUGE	LENGTH	LIST/FT
MA261-10	1X1	26	10'	\$0.19
MA2615-10	1.5X1.5	26	10'	\$0.24
MA2215-10	2X2	22	10'	\$0.81
MA1615-10	1.5X1.5	16	10′	\$0.91

RDB ANGLES

PART NO.	SIZE	LENGTH	LIST
RDBSA10	1.5X1.5	10′	\$0.92
RDBSA	1.5X1.5	26"	\$1.11

FIRE DAMPER MOUNTING ANGLES (26" L)

PART NO). SIZE	GAUGE	LENGTH	LIST
MA261	1X1	26	26"	\$0.38
MA1615	1.5X1.5	16	26"	\$1.11

Notes

All fire dampers are UL Listed.

Please specify and order: widthxheight.

All fire damper are 1/4" undersized, unless specified.

For odd sizes, refer to next size up.

Fuse links are available small or large. Small fuse links are used on 615 & 616 radiation dampers.

Large fuse links are used on 151A, 151B & 151C fire dampers.



ACCESS DOORS

FSA115 & FSA116 MODEL: Universal design to accommodate metal duct or fiberglass duct HINGE & CAM

DOUBLE CAM

PART NO.	SIZE	LIST
FSA115	6X6	\$11.89
FSA115	8X8	\$14.35
FSA115	10X10	\$16.13
FSA115	12X12	\$17.91
FSA115	14X14	\$23.63
FSA115	16X16	\$28.71
FSA115	18X18	\$33.57
FSA115	20X20	\$41.37
FSA115	24X24	\$45.91

FSA110 & FSA111 MODEL: For fiberglass duct HINGE & CAM

PART NO.	SIZE	LIST
FSA110	6X6	\$11.89
FSA110	8X8	\$14.35
FSA110	10X10	\$16.13
FSA110	12X12	\$17.91
FSA110	14X14	\$23.63
FSA110	16X16	\$28.71
FSA110	18X18	\$33.57
FSA110	20X20	\$41.37
FSA110	24X24	\$45.91

FSA100 & FSA101 MODEL: For metal duct

HINGE & CAM

PART NO.	SIZE	LIST
FSA100	6X6	\$11.89
FSA100	8X8	\$14.35
FSA100	10X10	\$16.13
FSA100	12X12	\$17.91
FSA100	14X14	\$23.63
FSA100	16X16	\$28.71
FSA100	18X18	\$33.57
FSA100	20X20	\$41.37
FSA100	24X24	\$45.91

PART NO.	SIZE	LIST
FSA116	6X6	\$11.89
FSA116	8X8	\$14.35
FSA116	10X10	\$16.13
FSA116	12X12	\$17.91
FSA116	14X14	\$23.63
FSA116	16X16	\$28.71
FSA116	18X81	\$33.57
FSA116	20X20	\$41.37
FSA116	24X24	\$45.91

DOUBLE CAM

PART NO.	SIZE	LIST
FSA111	6X6	\$11.89
FSA111	8X8	\$14.35
FSA111	10X10	\$16.13
FSA111	12X12	\$17.91
FSA111	14X14	\$23.63
FSA111	16X16	\$28.71
FSA111	18X18	\$33.57
FSA111	20X20	\$41.37
FSA111	24X24	\$45.91

DOUBLE CAM

PART NO.	SIZE	LIST
FSA101	6X6	\$11.89
FSA101	8X8	\$14.35
FSA101	10X10	\$16.13
FSA101	12X12	\$17.91
FSA101	14X14	\$23.63
FSA101	16X16	\$28.71
FSA101	18X18	\$33.57
FSA101	20X20	\$41.37
FSA101	24X24	\$45.91



REGISTER BOXES

CEILING RADIATION DAMPER BOXES -MODEL RDB

SIZE	R4RDB	R6RDB	
4X4	\$28.65	\$37.28	
6X4	\$28.65	\$37.28	
6X6	\$28.65	\$37.28	
8X4	\$28.65	\$37.28	
8X6	\$31.82	\$41.48	
8X8	\$31.82	\$41.48	
10X4	\$31.82	\$41.48	
10X6	\$31.82	\$41.48	
10X8	\$35.13	\$45.69	
10X10	\$38.81	\$50.43	
12X4	\$35.13	\$45.69	
12X6	\$35.13	\$45.69	
12X8	\$38.81	\$50.38	
12X10	\$45.77	\$59.54	
12X12	\$45.77	\$59.54	
14X6	\$46.45	\$53.42	
14X8	\$54.49	\$62.66	
14X14	\$71.98	\$79.98	
16X16	\$76.00	\$87.57	
18X18	\$85.48	\$97.05	

All RDB models are available with side or top outlet. For RDB, add \$3.42 to list for collar sizes $4^{\prime\prime}\&5^{\prime\prime}$ (side or top outlet). For RDB, add \$5.13 to list for collar sizes $6^{\prime\prime}$ *& up (side outlet only).

CEILING RADIATION DAMPER BOXES- MODEL CRD

SIZE	COLLAR	R4CRD	R6CRD
6X4	4/5	\$26.40	\$28.11
6X6	4/5	\$26.40	\$28.11
8X4	4/5	\$26.40	\$28.11
8X6	5/6	\$28.66	\$30.36
8X8	6/7	\$30.90	\$32.61
10X6	5/6/7	\$30.90	\$32.61
10X8	7/8	\$35.37	\$37.08
10X10	8/9	\$38.46	\$40.17
12X6	5/6/7	\$33.57	\$35.28
12X8	7/8/9	\$38.46	\$40.17
12X10	8/9	\$39.30	\$41.01
12X12	10	\$46.76	\$48.47
14X6	6/7	\$38.46	\$40.17
14X8	7/8/9	\$39.30	\$41.01
14X14	12	\$47.34	\$57.37

All CRD models are top outlet.

CEILING RADIATION DAMPER BOXES - MODEL 521

SIZE	COLLAR	R4521	R6521
6X4	4/5	\$36.65	\$36.65
6X6	4/5	\$36.65	\$36.65
8X4	4/5	\$36.65	\$36.65
8X6	5/6	\$41.03	\$41.03
8X8	6/7	\$41.03	\$41.03
10X4	4/5	\$41.03	\$41.03
10X6	5/6/7	\$41.03	\$41.03
10X8	7/8	\$45.99	\$45.99
10X10	8/9	\$50.83	\$50.83
12X4	4/5	\$44.93	\$44.93
12X6	5/6/7	\$44.93	\$44.93
12X8	7/8/9	\$50.83	\$50.83
12X10	8/9	\$61.10	\$61.10
12X12	8/9/10	\$61.10	\$61.10
14X6	6/7/8	\$50.83	\$50.83
14X8	7/8/9	\$52.83	\$52.83
14X14	8/9/10	\$71.81	\$71.81

All 521 models are side outlet.





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