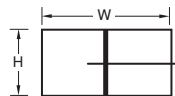
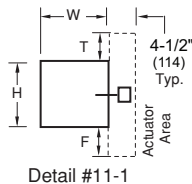


The following installation details apply to models FSD-121, FSD-122 and FSD-123

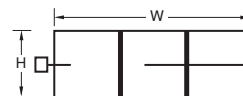
Notes

1. The details shown below reflect maximum actuator/damper size limitations based on testing to UL-555S and default, 2-position, spring-return electric actuators rated for maximum 2000 fpm at 4" static pressure.
2. All actuators must be factory installed and multiple actuators on a single assembly are factory wired to a common connection.
3. Dampers larger than 36"w x 48"h are manufactured in multiple section assemblies consisting of equal size sections not exceeding 36"w x 48"h.
4. Actuators installed out of the air stream may extend above or below the height of the damper. Refer to table below for details.

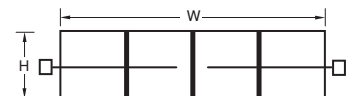
		Damper Width (w) in inches																																																																																																																																																																																																																
		6	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78	80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118	120	122	124	126	128	130	132	134	136	138	140	142	144																																																																																																																																												
Damper height (h) in inches	6	w ≤ 36" and h ≤ 48" Detail #11 - 1															36" < w ≤ 72" and h ≤ 33" Detail #21 - 1															72" < w ≤ 108" and h ≤ 33" Detail #31 - 2															108" < w ≤ 144" and h ≤ 33" Detail #41 - 2															1 Section High																																																																																																																																																				
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Detail #21

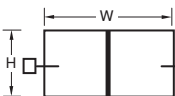


Detail #31-2



Detail #41-2

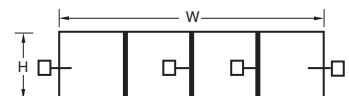
	Dampener Height	Dampener Width	
		w ≤ 36"	w > 36"
F	6"-7"	5"	7"
	8"-9"	4"	7"
	10"-11"	1"	4"
	12"-13"	0"	3"
	14"	0"	2"
	15"-16"	0"	1"
	17"	0"	3"
	> 17"	0"	0"
T	6", 10"	3"	3"
	7", 11"-12"	2"	2"
	8", 13"-14", 21"	1"	1"
	9", 15"-17", 20"	0"	0"
	18"-19"	0"	1"
	> 21"	0"	0"



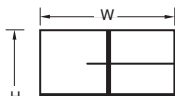
Detail #21-2



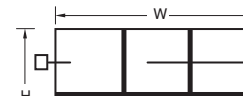
Detail #31-3



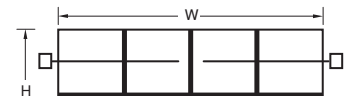
Detail #41-4



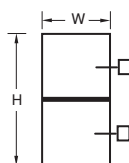
Detail #22-2



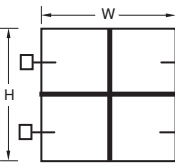
Detail #32-4



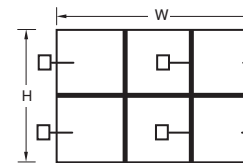
Detail #42-4



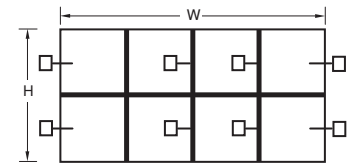
Detail #12-2



Detail #22-4



Detail #32-6



Detail #42-8