

MODEL CFL-D-4 HIGH PERFORMANCE COMBINATION LOUVER/DAMPER 4" [102mm]

STANDARD CONSTRUCTION:

FRAME: 0.081" [2.06mm] Extruded Aluminum 4.16" [106mm] deep.

ADJUSTABLE BLADE: 0.125" [3.18mm] Extruded Aluminum

FIXED BLADE: 0.081 [2.06mm] Extruded Aluminum Positioned on a 37° angle on approximately 3" [76mm] centers.

LINKAGE: Jamb Linkage

BIRDSCREEN:

.50" X .050" [12.70mm x 1.27mm] Flattened Aluminum in Removable Frame. Screen is mounted on inside (rear) as looking from exterior of building.

FINISH: Mill aluminum (std.)

MINIMUM SIZE: 12"w x 12"h [305mm x 305mm]

MAXIMUM SIZE: Factory assembled multi-section max: 84"w x 120"h or 120"w x 84"h [2134mm x 3048mm or 3048mm x 2134mm]

48"w x 120"h single section [1219mm x 3048mm]

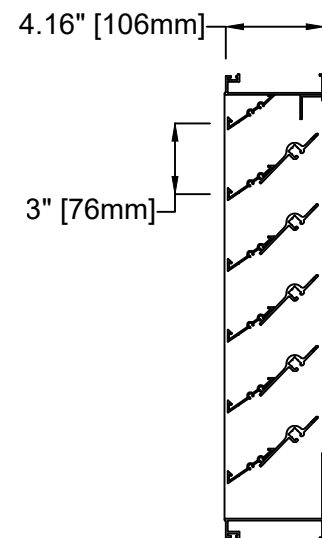
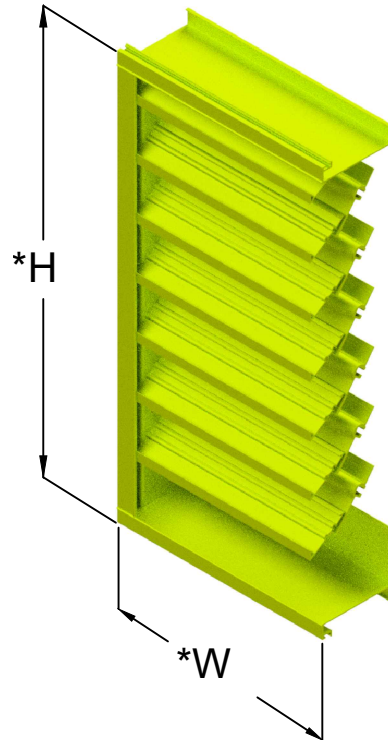
Larger sizes are field assembled.

OPTIONS:

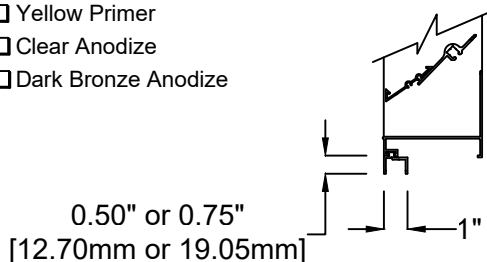
- ☐ Flanged Frame (1.5" std.) [38mm]
- ☐ Custom Flange (1", 2", or 3") [25mm, 51mm, or 76mm]
- ☐ Glazing Adapter (0.50" [12.70mm] or 0.75" [19.05mm])
- ☐ Extended Sill
- ☐ Filter Racks (no screen)
- ☐ Hinged Sub Frame
- ☐ Blank-off, Alum., non-insulated, no screen, non-removeable
- ☐ Blank-off, Alum., non-insulated, with bird screen or insect screen
- ☐ Blank-off, Alum., insulated double wall, with bird screen, removable
- ☐ Blank-off, Alum., insulated double wall, no screen, non-removeable
- ☐ Actuator: See Actuator Selection Chart
- ☐ Blade Seals
- ☐ Stainless Steel Compression Jamb Seals
- ☐ Insect Screen
- ☐ Security Bars

AVAILABLE FINISHES:

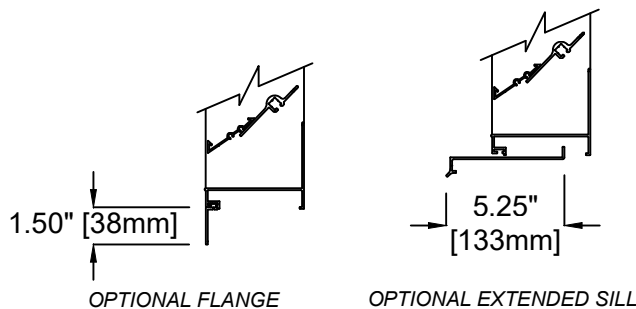
- ☐ Durable Polyester (AAMA 2604)
- ☐ 70% PVDF Fluoropolymer (AAMA 2605)
- ☐ Yellow Primer
- ☐ Clear Anodize
- ☐ Dark Bronze Anodize



Section View



OPTIONAL GLAZING ADAPTER



OPTIONAL FLANGE

OPTIONAL EXTENDED SILL

*Width and Height dimensions are approximately 1/4" [6.35mm] under listed size.



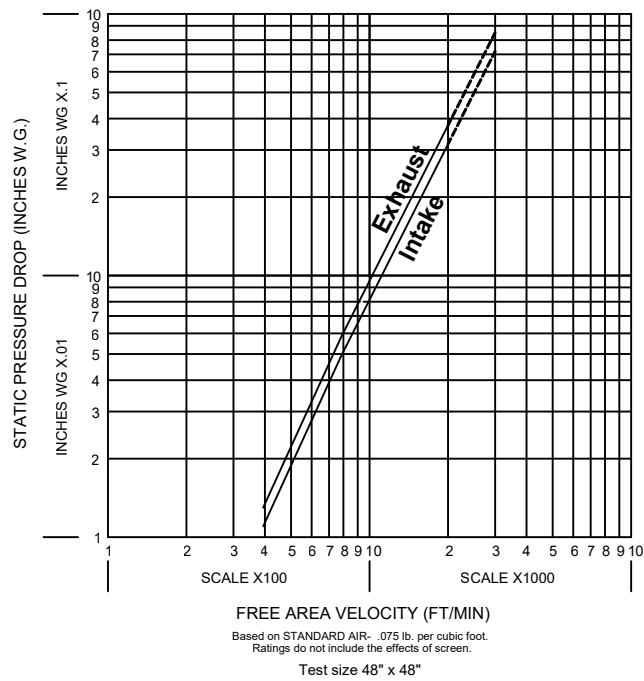
MODEL CFL-D-4 (High Performance Combination Louver/Damper 4"[102mm])

DRAWN BY:	DATE:	REV. DATE:	REV. NO.	APPROVED BY:	DWG. NO.:
CLJ	January 2014	March 2026	1		A-31a

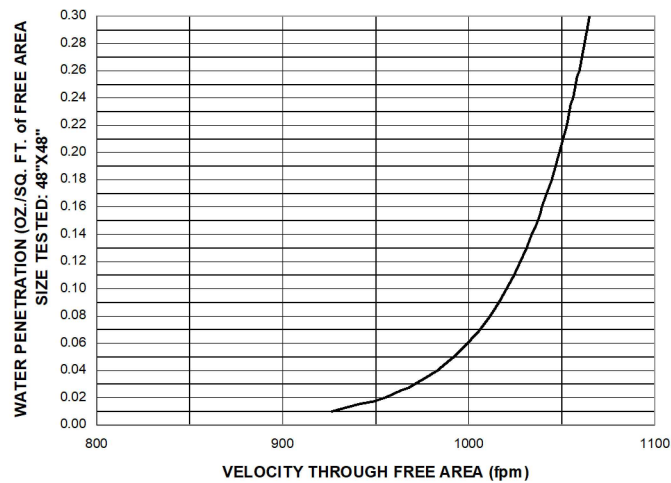
Due to continuing research, S&P reserves the right to change specifications without notice.

CFL-D-4 PERFORMANCE DATA

AIR FLOW RESISTANCE



Beginning point of **WATER PENETRATION** for **MODEL CFL-D-4**
is **924 fpm**
free area velocity at .01 oz. of water (penetration)



CFL-D-4 FREE AREA IN SQ. FT.									
Height - Inches	Louver Height Inches	Width - Inches							Louver Height Inches
	12	18	24	30	36	42	48		
	12	0.22	0.36	0.50	0.63	0.77	0.91	1.04	12
	18	0.45	0.72	1.00	1.27	1.54	1.82	2.09	18
	24	0.67	1.08	1.49	1.90	2.31	2.72	3.13	24
	30	0.90	1.45	1.99	2.54	3.09	3.63	4.18	30
	36	1.12	1.81	2.49	3.17	3.86	4.54	5.22	36
	42	1.35	2.17	2.99	3.81	4.63	5.45	6.27	42
	48	1.57	2.53	3.49	4.44	5.40	6.36	7.31	48
	54	1.80	2.89	3.98	5.08	6.17	7.26	8.36	54
	60	2.02	3.25	4.48	5.71	6.94	8.17	9.40	60
	66	2.25	3.61	4.98	6.35	7.71	9.08	10.45	66
	72	2.47	3.98	5.48	6.98	8.48	9.99	11.49	72
	78	2.70	4.34	5.98	7.62	9.26	10.90	12.54	78
	84	2.92	4.70	6.48	8.25	10.03	11.80	13.58	84
	90	3.15	5.06	6.97	8.89	10.80	12.71	14.62	90
	96	3.37	5.42	7.47	9.52	11.57	13.62	15.67	96
	102	3.60	5.78	7.97	10.16	12.34	14.53	16.71	102
	108	3.82	6.15	8.47	10.79	13.11	15.44	17.76	108
114	4.05	6.51	8.97	11.43	13.88	16.34	18.80	114	
120	4.27	6.87	9.46	12.06	14.66	17.25	19.85	120	