

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]

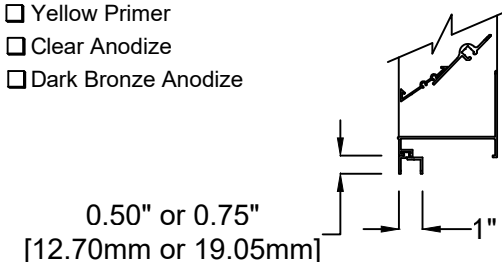
Larger sizes are field assembled.

OPTIONS:

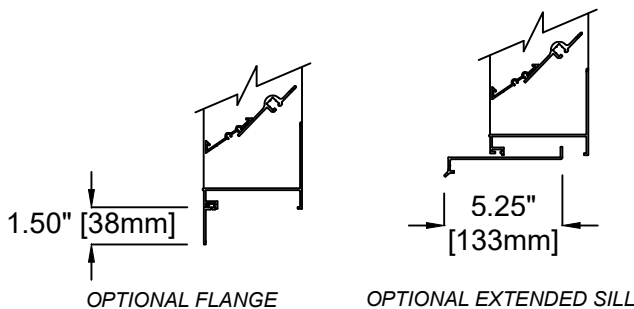
- ☐ Flanged Frame (1.5" std.) [38mm]
- ☐ Custom Flange (1", 2", or 3") [25mm, 51mm, or 76mm]
- ☐ Glazing Adapter (0.50" [12.70mm] or 0.75" [19.05mm])
- ☐ Extended Sill
- ☐ Filter Racks (no screen)
- ☐ Hinged Sub Frame
- ☐ Blank-off, Alum., non-insulated, no screen, non-removeable
- ☐ Blank-off, Alum., 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

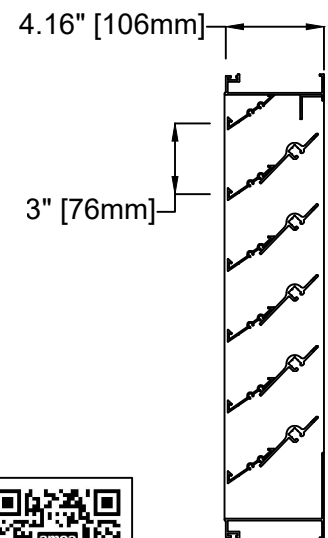
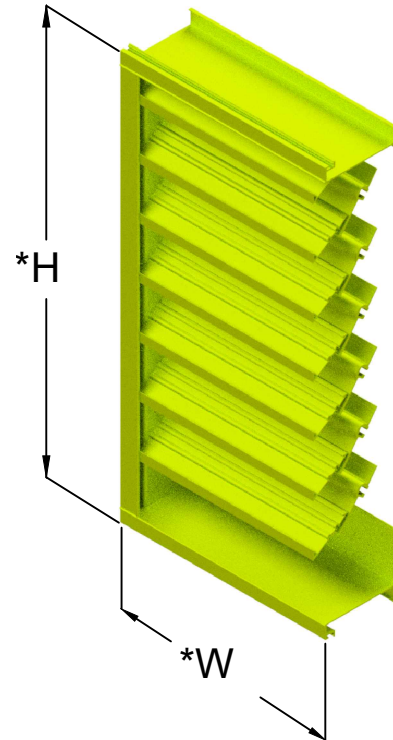


OPTIONAL GLAZING ADAPTER



OPTIONAL FLANGE

OPTIONAL EXTENDED SILL



Section View



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



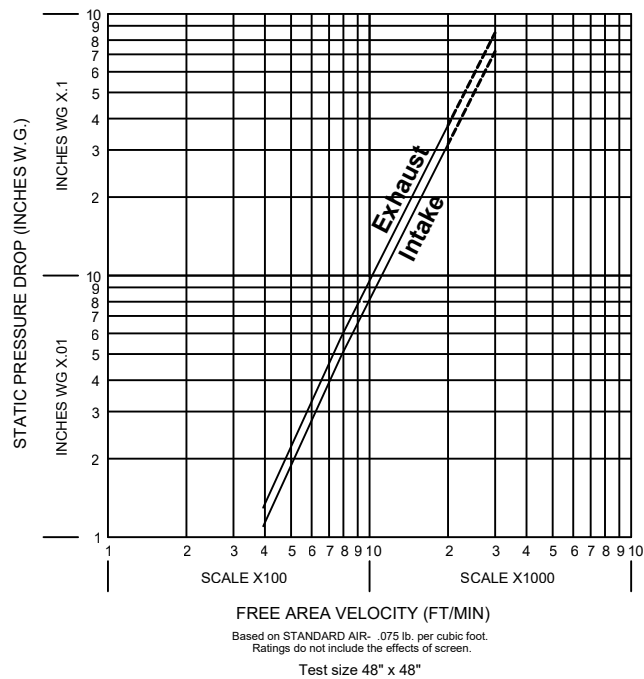
MODEL CFL-D-4 (High Performance Combination Louver/Damper 4"[102mm])

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

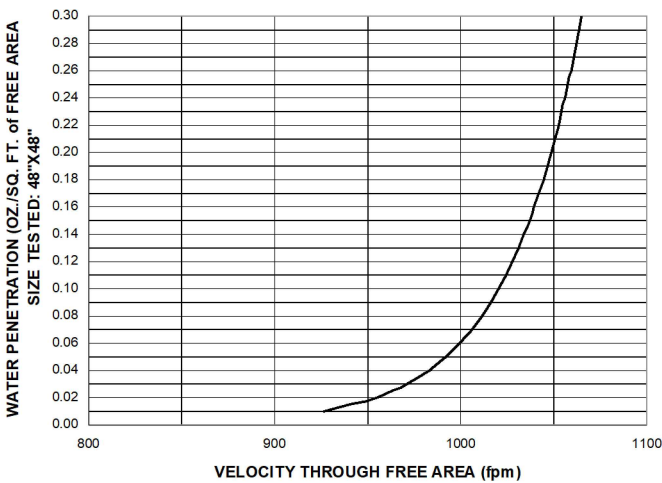
Due to continuing research, S&P Air Control reserves the right to change specifications without notice.

CFL-D-4 PERFORMANCE DATA

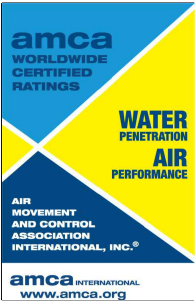
AIR FLOW RESISTANCE



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



S&P Air Control Corporation certifies that the louver model shown hereon is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with the AMCA publication 511 and comply with the requirement of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Air Performance and Water Penetration ratings.