

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.)

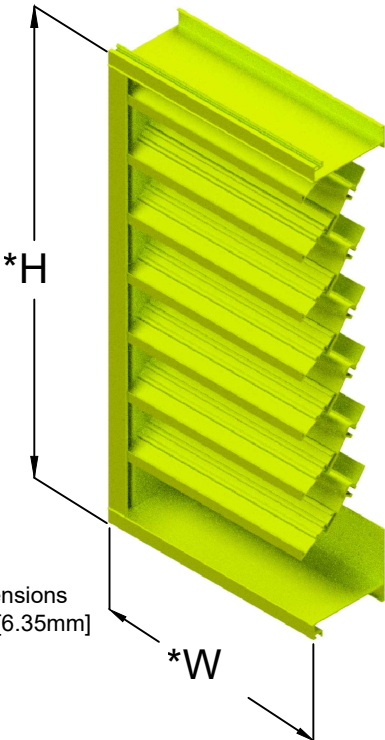
MINIMUM SIZE: 12"w x 12"h [305mm x 305mm]
MAXIMUM SIZE: Factory assembled multi-section max: 84"w x 120"h or 120"w x 84"h [2134mm x 3048mm or 3048mm x 2134mm]
 48"w x 120"h single section [1219mm x 3048mm]
 Larger sizes are field assembled.

OPTIONS:

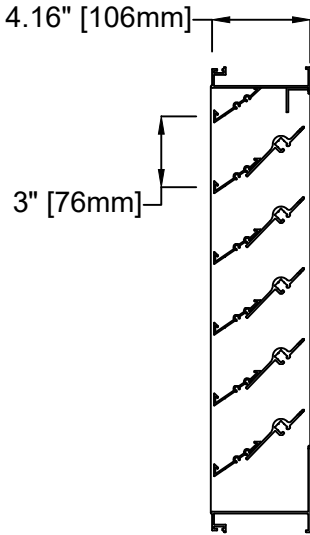
- Flanged Frame (1.5" std.) [38mm]
- Custom Flange (1", 2", or 3") [25mm, 51mm, or 76mm]
- Glazing Adapter (0.50" [12.70mm] or 0.75" [19.05mm])
- Extended Sill
- Filter Racks (no screen)
- Hinged Sub Frame
- Blank-off, Alum., non-insulated, no screen, non-removeable
- Blank-off, Alum., non-insulated,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

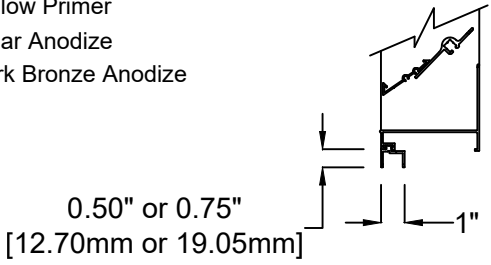
- Durable Polyester (AAMA 2604)
- 70% PVDF Fluoropolymer (AAMA 2605)
- Yellow Primer
- Clear Anodize
- Dark Bronze Anodize



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

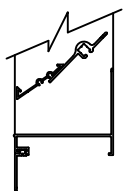


OPTIONAL GLAZING ADAPTER



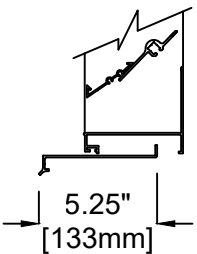
0.50" or 0.75"

[12.70mm or 19.05mm]



1.50" [38mm]

OPTIONAL FLANGE



5.25" [133mm]

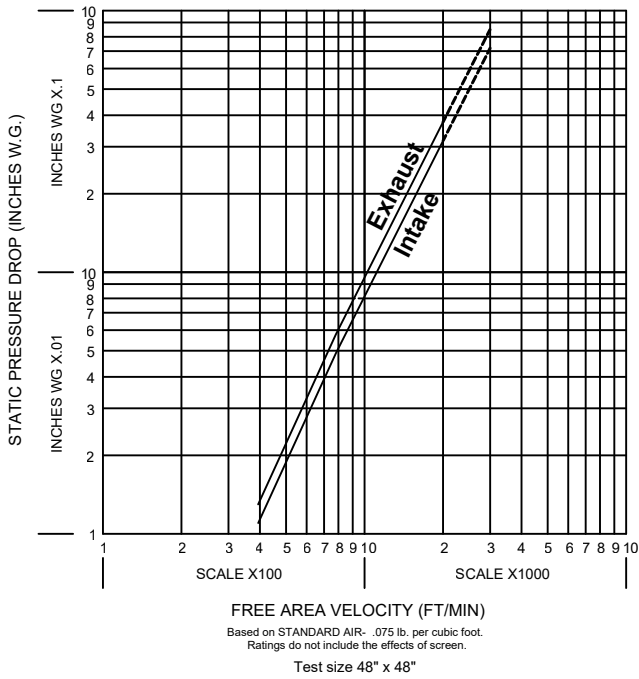
OPTIONAL EXTENDED SILL

Due to continuing research, United Enertech reserves the right to change specifications without notice.

		3005 South Hickory Street Chattanooga, Tennessee 37407 Tel: (423) 698-7715 Fax: (423) 698-6629 www.unitedenertech.com			
		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			BGT	A-31a

CFL-D-4 PERFORMANCE DATA

AIR FLOW RESISTANCE



CFL-D-4 FREE AREA IN SQ. FT.								
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

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

