

MODEL EL-2

FIXED 2" [51mm] LOUVER

STANDARD CONSTRUCTION:

Frame: 0.060 [1.52mm] Extruded Aluminum, 2.16" [55mm] Deep

Blade: 0.060 [1.52mm] Extruded Aluminum positioned on a 37° angle on approximately 1.47" [37mm] centers

Birdscreen: 0.50" x 0.050" [12.70mm x 1.27mm] Flattened Aluminum in removable frame. Screen is mounted as standard on inside (rear) as looking from exterior of building.

Finish: Mill Aluminum (Std.)

Minimum Size: 6" w x 6" h [152mm x 152mm]

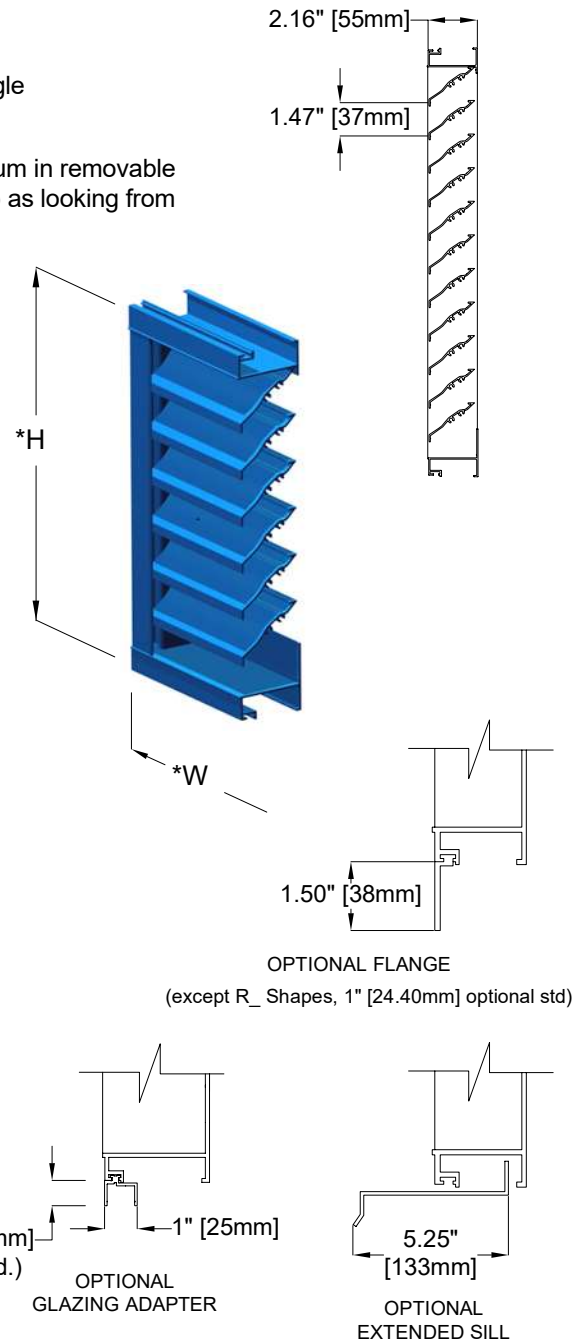
Maximum Single Section: 120"w x 84"h or 84"w x 120"h
[3048mm x 2134mm or 2134mm x 3048mm]

OPTIONS:

- ☐ Flanged Frame (1.50" [38mm] std.), (1" [25mm] std for shapes R_)
- ☐ Custom Flange (1", 2", or 3" [25mm, 51mm, 76mm]), (1.5", 2", or 3" [38mm, 51mm, 76mm] for shapes R_)
- ☐ Glazing Adapter (0.50" or 0.75" [12.70mm or 19.05mm])
- ☐ Extended Sill
- ☐ Insect Screen (Other Screens Available, See Screen Page)
- ☐ Filter Racks (no screen)
- ☐ Security Bars
- ☐ Hinged Sub Frame
- ☐ Welded Construction (Wind Load +/- 50 psf)
- ☐ 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

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.

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



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MODEL EL-2 (Fixed J/K Blade Louver)

DRAWN BY:	DATE:	REV. DATE:	REV. NO.	APPROVED BY:	DWG. NO.:
MHM	3-29-10	4-4-13	3	BGT	A-7

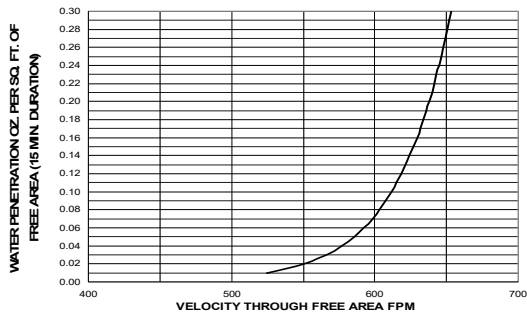
SUGGESTED SPECIFICATION

Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be stationary type with downspouts in jambs and mullions. Stationary blades shall be contained within a 2.16" [55mm] deep frame. Louver components (head, jambs, sills, blades, and mullions) shall be factory assembled by the louver manufacturer. Louver sizes too large for shipping shall be built up by the contractor from factory assembled louver sections to provide overall sizes required. Louver design shall incorporate structural supports required to withstand a wind load of 20 lbs. per sq. ft. [97.65 kg/m²] (equivalent of a 90 mph [145 km/h] wind). Louver shall be United Enertech Model EL-2.

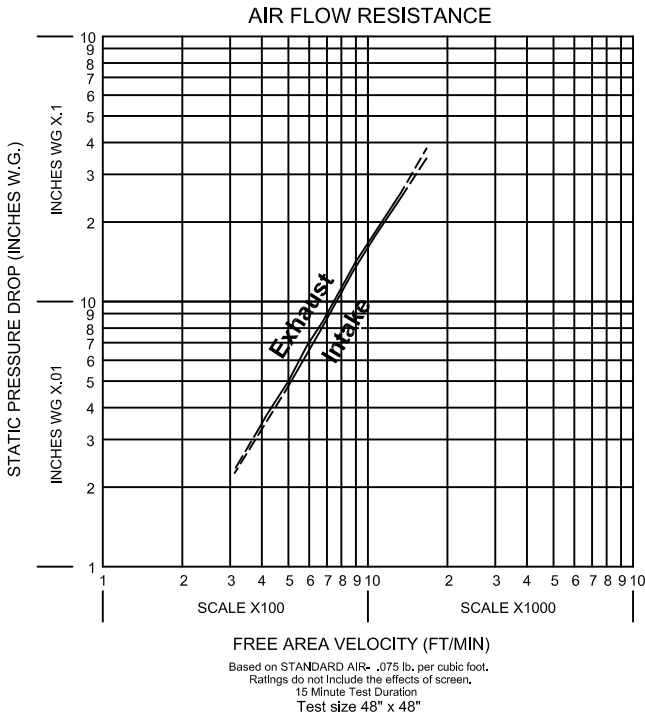
The louver system should be designed with a resonable safety factor for louver performance. To ensure protection from water carryover, design with a performance level somewhat below maximum desired pressure drop and .01 oz./sq. ft. of water penetration

WATER PENETRATION

Standard Air - .075 lbs/ft²



PERFORMANCE DATA



Beginning point of **WATER PENETRATION** for **MODEL EL-2** is **524 fpm**
free area velocity at .01 oz. of water (penetration)

EL-2 FREE AREA IN SQ. FT.

Louver Height Inches	Width - Inches																				Louver Height Inches
	6	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120	
6	0.03	0.08	0.13	0.18	0.23	0.27	0.32	0.37	0.42	0.47	0.52	0.57	0.62	0.67	0.72	0.77	0.82	0.86	0.91	0.96	12
12	0.07	0.20	0.33	0.46	0.59	0.72	0.84	0.97	1.10	1.23	1.36	1.48	1.61	1.74	1.87	2.00	2.13	2.25	2.38	2.51	6
18	0.19	0.52	0.85	1.19	1.52	1.85	2.18	2.51	2.84	3.17	3.50	3.83	4.16	4.49	4.82	5.16	5.49	5.82	6.15	6.48	18
24	0.27	0.72	1.17	1.63	2.08	2.54	2.99	3.45	3.90	4.35	4.81	5.26	5.72	6.17	6.63	7.08	7.53	7.99	8.44	8.90	24
30	0.35	0.94	1.54	2.13	2.73	3.32	3.92	4.52	5.11	5.71	6.30	6.90	7.49	8.09	8.68	9.28	9.87	10.47	11.06	11.66	30
36	0.47	1.26	2.06	2.86	3.66	4.46	5.25	6.05	6.85	7.65	8.44	9.24	10.04	10.84	11.64	12.43	13.23	14.03	14.83	15.63	36
42	0.58	1.58	2.58	3.58	4.59	5.59	6.59	7.59	8.59	9.59	10.59	11.59	12.59	13.59	14.59	15.59	16.59	17.59	18.59	19.59	42
48	0.68	1.84	3.01	4.17	5.33	6.50	7.66	8.82	9.99	11.15	12.31	13.48	14.64	15.80	16.97	18.13	19.29	20.46	21.62	22.78	48
54	0.77	2.10	3.43	4.75	6.08	7.41	8.73	10.06	11.39	12.71	14.04	15.36	16.69	18.02	19.34	20.67	22.00	23.32	24.65	25.98	54
60	0.87	2.36	3.85	5.34	6.83	8.32	9.81	11.29	12.78	14.27	15.76	17.25	18.74	20.23	21.72	23.21	24.70	26.19	27.68	29.17	60
66	0.92	2.49	4.06	5.64	7.21	8.78	10.36	11.93	13.51	15.08	16.65	18.23	19.80	21.37	22.95	24.52	26.09	27.67	29.24	30.81	66
72	1.01	2.75	4.49	6.22	7.96	9.69	11.43	13.17	14.90	16.64	18.38	20.11	21.85	23.59	25.32	27.06	28.80	30.53	32.27	34.00	72
78	1.11	3.01	4.91	6.81	8.71	10.61	12.50	14.40	16.30	18.20	20.10	22.00	23.90	25.80	27.70	29.60	31.50	33.40	35.30	37.20	78
84	1.20	3.27	5.33	7.39	9.45	11.51	13.58	15.64	17.70	19.76	21.83	23.89	25.95	28.01	30.08	32.14	34.20	36.26	38.33	40.39	84
90	1.30	3.52	5.75	7.97	10.20	12.42	14.65	16.87	19.10	21.32	23.55	25.77	27.99	30.22	32.44	34.67	36.89	39.12	41.34	43.57	90
96	1.39	3.78	6.17	8.56	10.95	13.34	15.73	18.12	20.51	22.90	25.28	27.67	30.06	32.45	34.84	37.23	39.62	42.01	44.40	46.79	96
102	1.45	3.94	6.43	8.92	11.41	13.89	16.38	18.87	21.36	23.85	26.34	28.83	31.31	33.80	36.29	38.78	41.27	43.76	46.24	48.73	102
108	1.57	4.26	6.95	9.65	12.34	15.03	17.72	20.42	23.11	25.80	28.49	31.18	33.88	36.57	39.26	41.95	44.64	47.34	50.03	52.72	108
114	1.69	4.58	7.48	10.37	13.27	16.16	19.06	21.95	24.85	27.74	30.63	33.53	36.42	39.32	42.21	45.11	48.00	50.90	53.79	56.69	114
120	1.81	4.90	8.00	11.10	14.20	17.29	20.39	23.49	26.58	29.68	32.78	35.87	38.97	42.07	45.17	48.26	51.36	54.46	57.55	60.65	120