

MODEL SFL-D-4

4" STEEL DRAINABLE FIXED LOUVER

STANDARD CONSTRUCTION:

FRAME:

18 ga. galvanized steel, 4.13" deep

BLADES:

Drainable, 18 ga. galvanized steel, positioned at 45° angles on approximately 3.94" centers.

BIRDSCREEN:

.50" x .050" Expanded flattened alum. in removable frame
Screen is mounted on inside (rear)

FINISH:

Mill Galvanized

MINIMUM SIZE:

8"w x 12"h

MAXIMUM SECTION SIZE:

96"w x 72"h

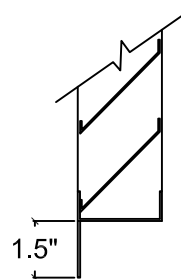
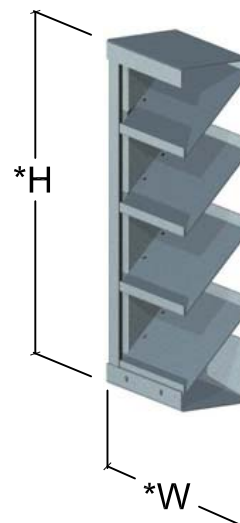
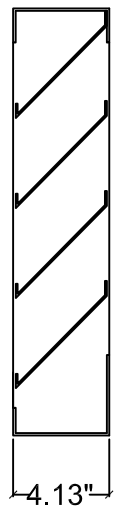
Larger sizes made in multiple sections.

OPTIONS:

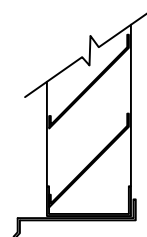
- ☐ Flanged Frame (1.5" std.)
- ☐ Custom Flange (1", 2", or 3")
- ☐ Extended Sill
- ☐ Insect Screen (Other Screens Available, See Screen Page)
- ☐ Filter Racks (no screen)
- ☐ Security Bars
- ☐ Hinged Sub Frame
- ☐ Welded Construction
- ☐ Blank-off, Steel, non-insulated, no screen, non-removeable
- ☐ Blank-off, Steel, non-insulated, with bird screen or insect screen
- ☐ Blank-off, Steel, insulated double wall, with bird screen, removable
- ☐ Blank-off, Steel, insulated double wall, no screen, non-removeable
- ☐ 304 Stainless Steel Construction
- ☐ 316 Stainless Steel Construction
- ☐ 316L Stainless Steel Construction

AVAILABLE FINISHES:

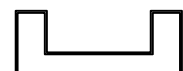
- ☐ Durable Polyester Powder (AAMA 2604)
- ☐ Epoxy Powder
- ☐ Zinc Rich Gray Primer



Optional
Flange



Optional
Extended Sill



Typical
Jamb

*Width and Height dimensions are approximately 1/4" under listed size.

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



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MODEL SFL-D-4 (4" Steel Drainable Fixed Louver)

DRAWN BY:	DATE:	REV. DATE:	REV. NO.	APPROVED BY:	DWG. NO.:
CLJ	10-29-14	February 2014	10	BGT	A-11

SUGGESTED SPECIFICATION

Furnish and install louver as hereinafter specified where shown on plans or as described in schedules. Louvers shall be stationary drainable type with drain gutters in each blade and downspouts in jambs and mullions. Stationary blades shall be contained within a 4.13" deep frame. Louver components (heads, 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 30 lbs. per sq. ft. (equivalent of 110 mph wind).

PERFORMANCE DATA

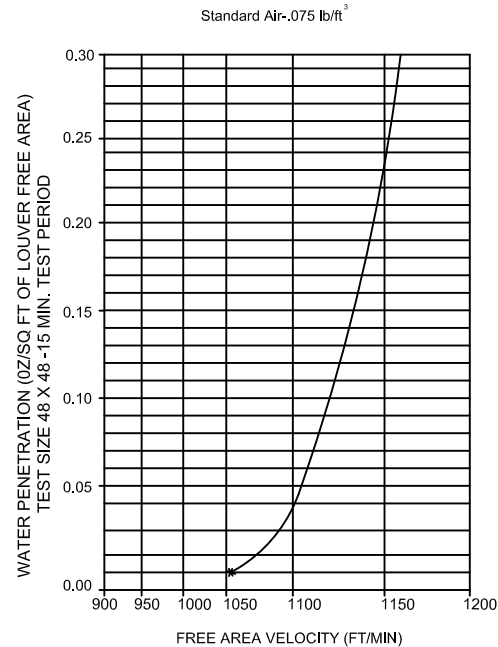
The louver system should be designed with a reasonable safety factor for louver performance. To ensure protection from water carryover, design with a performance level somewhat below maximum desired pressure drop and .01 oz./sq.ft. of water penetration.

MODEL SFL-D-4 FREE AREA CHART (SQUARE FEET)

Louver Height Inches	Louver Width In Inches																Louver Height Inches
	8	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	
12	0.31	0.47	0.70	0.93	1.17	1.40	1.63	1.87	2.10	2.33	2.57	2.80	3.03	3.27	3.51	3.72	12
18	0.47	0.70	1.05	1.40	1.75	2.10	2.45	2.80	3.15	3.50	3.85	4.20	4.52	4.91	5.23	5.61	18
24	0.62	0.93	1.40	1.87	2.33	2.80	3.27	3.73	4.20	4.67	5.13	5.60	6.05	6.51	7.02	7.48	24
30	0.78	1.17	1.75	2.33	2.92	3.50	4.08	4.67	5.25	5.84	6.42	7.00	7.55	8.14	8.76	9.36	30
36	0.93	1.40	2.10	2.80	3.50	4.20	4.90	5.60	6.30	7.00	7.70	8.40	9.06	9.76	10.52	11.24	36
42	1.09	1.63	2.45	3.27	4.08	4.90	5.72	6.54	7.35	8.17	8.99	9.80	10.57	11.38	12.27	13.12	42
48	1.24	1.87	2.80	3.73	4.67	5.60	6.54	7.47	8.40	9.34	10.27	11.20	12.08	13.00	14.03	15.00	48
54	1.40	2.10	3.15	4.20	5.25	6.30	7.35	8.40	9.45	10.50	11.55	12.60	13.59	14.62	15.78	16.88	54
60	1.56	2.33	3.50	4.67	5.84	7.00	8.17	9.34	10.50	11.67	12.84	14.00	15.10	16.24	17.54	18.76	60
66	1.71	2.57	3.85	5.13	6.42	7.70	8.99	10.27	11.55	12.84	14.12	15.40	16.61	17.86	19.29	20.64	66
72	1.87	2.80	4.20	5.60	7.00	8.40	9.80	11.20	12.60	14.00	15.40	16.80	18.12	19.48	21.05	22.52	72

Beginning point of WATER PENETRATION
is
1056 fpm
free area velocity at .01 oz. of water penetration

WATER PENETRATION



Air Flow Resistance

