

MODEL ADL-96

6" Deep 90° Full Open Adjustable Louver

STANDARD CONSTRUCTION:

FRAME:

0.125 Extruded Aluminum 6.25" deep.

BLADES:

.081 Extruded Aluminum
on approximately 2.88" centers.

LINKAGE:

Jamb Linkage

BIRDSCREEN:

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

OPERATOR:

Louvers without actuators will be supplied with Locking Quadrants

FINISH:

Mill Aluminum (Std.)

MINIMUM SIZE:

12"w x 12"h

MAXIMUM SIZE:

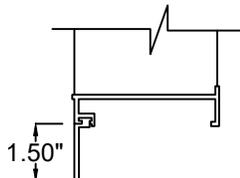
60"w x 96"h single section, Multiple louvers can be bolted together
up to 120"w x 84" h or 84"w x 120"h. Factory assembled multi-section
max: 108"w x 48"h. Larger sizes are field assembled.

OPTIONS:

- Flanged Frame (1.5" std.)
- Custom Flange (1", 2", or 3")
- Glazing Adapter (.50" or .75")
- Extended Sill
- Insect Screen (Other Screens Available, See Screen Page)
- Filter Racks (no screen)
- Security Bars
- Blade Seals (EPDM)
- Jamb Seals (Stainless Steel)
- Actuator: See Actuator Selection Chart

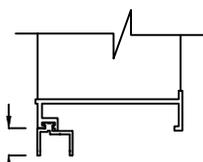
AVAILABLE FINISHES:

- Durable Polyester (AAMA 2604)
- 70% PVDF Fluoropolymer (AAMA2605)
- Yellow Primer
- Clear Anodize
- Dark Bronze Anodize



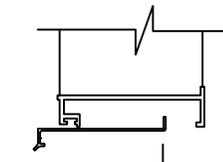
OPTIONAL FLANGE

(except R_ Shapes, 1" optional std)

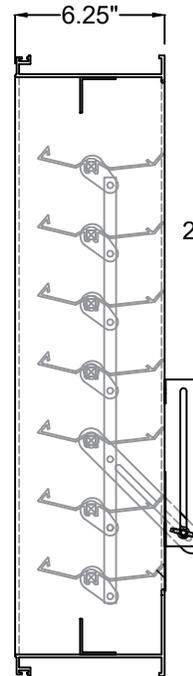
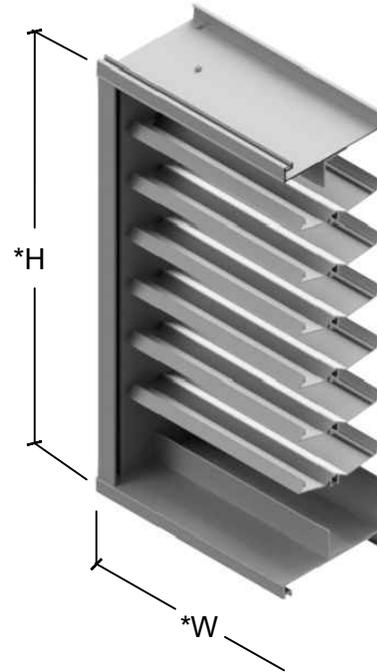


0.50" or 0.75"
(0.75" std.)

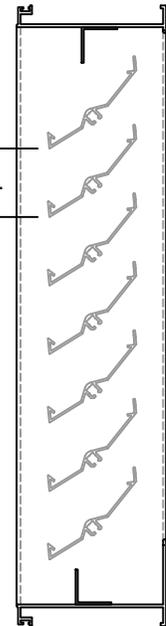
OPTIONAL
GLAZING ADAPTER



OPTIONAL
EXTENDED SILL



Full Open
Position



37° Open
Normal Position

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

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DRAWN BY: CLJ	DATE: June 2025	REV. DATE:	REV. NO.	DWG. NO.: A-26a
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Due to continuing research, United Enertech reserves the right to change specifications without notice.

SUGGESTED SPECIFICATION

Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be adjustable, drainable type with drain gutters in each blade and downspouts in jambs and mullions. Adjustable, drainable blades shall be able to travel from 0 to 90 degrees (fully open and close) and be contained within a 6.25" 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.

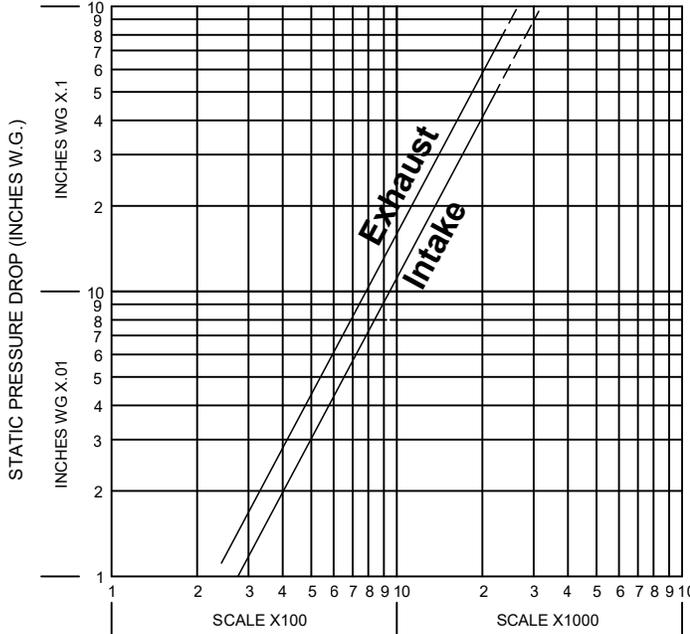
Beginning point of WATER PENETRATION

is

1025 fpm

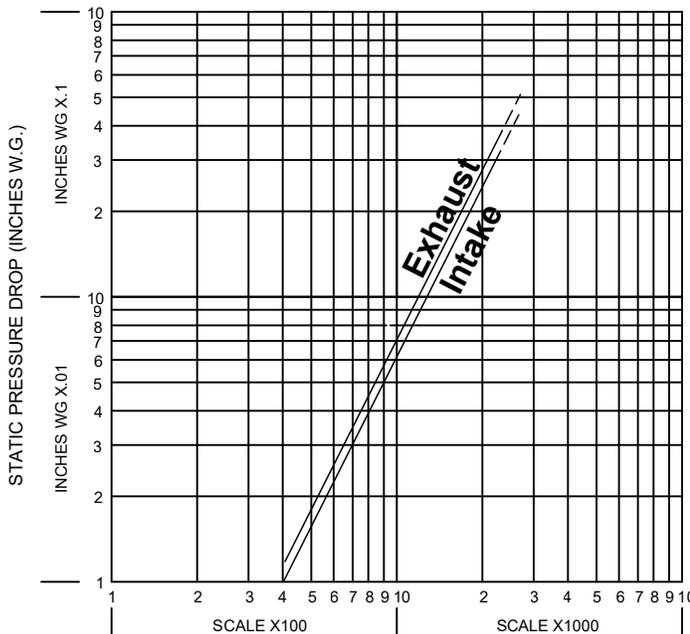
the maximum recommended FREE AREA VELOCITY

ADL-96 (NORMAL POSITION) AIR FLOW RESISTANCE



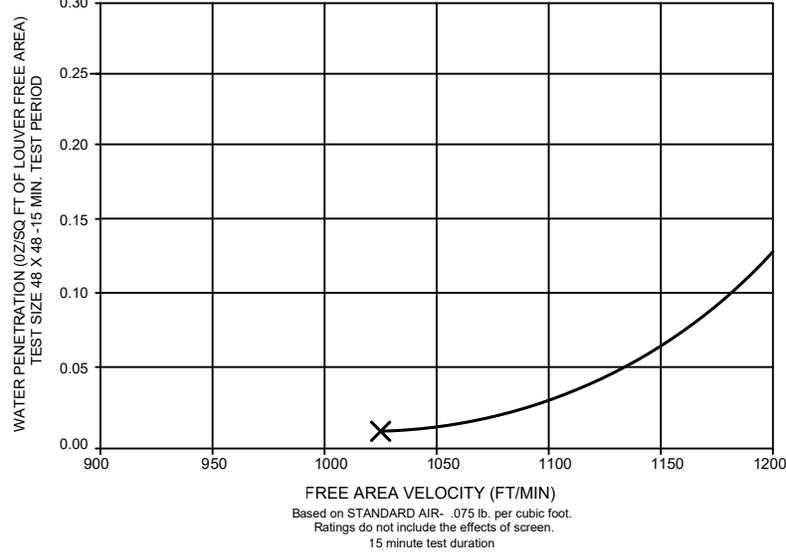
Based on STANDARD AIR- .075 lb. per cubic foot.
Ratings do not include the effects of screen.
Device Setup Fig. 5.5
Test size 48" x 48"

ADL-96 (FULL OPEN POSITION) AIR FLOW RESISTANCE



Based on STANDARD AIR- .075 lb. per cubic foot.
Ratings do not include the effects of screen.
Device Setup Fig. 5.5
Test size 48" x 48"

WATER PENETRATION (Normal Position Only) Standard Air-.075 lb/ft³



Based on STANDARD AIR- .075 lb. per cubic foot.
Ratings do not include the effects of screen.
15 minute test duration

ADL-96 (NORMAL POSITION) FREE AREA CHART (SQUARE FEET)

Louver Height (inches)	Louver Width (inches)								
	12	18	24	30	36	42	48	54	60
12	0.25	0.42	0.58	0.74	0.90	1.07	1.23	1.39	1.55
18	0.39	0.64	0.89	1.14	1.39	1.64	1.89	2.14	2.39
24	0.58	0.96	1.33	1.70	2.07	2.44	2.81	3.19	3.56
30	0.78	1.27	1.76	2.26	2.75	3.25	3.74	4.24	4.73
36	0.97	1.58	2.20	2.82	3.43	4.05	4.67	5.29	5.90
42	1.16	1.90	2.64	3.38	4.12	4.86	5.60	6.33	7.07
48	1.50	2.46	3.42	4.37	5.33	6.29	7.25	8.21	9.16
54	1.65	2.69	3.74	4.79	5.84	6.89	7.94	8.99	10.04
60	1.75	2.86	3.98	5.09	6.21	7.32	8.44	9.55	10.67
66	1.94	3.18	4.41	5.65	6.89	8.13	9.36	10.60	11.84
72	2.13	3.49	4.85	6.21	7.57	8.93	10.29	11.65	13.01
78	2.27	3.72	5.16	6.61	8.06	9.50	10.95	12.39	13.84
84	2.46	4.03	5.60	7.17	8.74	10.31	11.88	13.44	15.01
90	2.65	4.34	6.04	7.73	9.42	11.11	12.80	14.49	16.19
96	2.82	4.61	6.41	8.21	10.00	11.80	13.59	15.39	17.19

ADL-96 (FULL OPEN POSITION) FREE AREA CHART (SQUARE FEET)

Louver Height (inches)	Louver Width (inches)								
	12	18	24	30	36	42	48	54	60
12	0.33	0.54	0.76	0.97	1.18	1.39	1.61	1.82	2.03
18	0.63	1.04	1.44	1.84	2.25	2.65	3.06	3.46	3.86
24	0.94	1.54	2.13	2.73	3.33	3.93	4.53	5.13	5.72
30	1.24	2.03	2.82	3.61	4.40	5.19	5.98	6.77	7.56
36	1.54	2.53	3.51	4.49	5.48	6.46	7.44	8.43	9.41
42	1.84	3.02	4.20	5.37	6.55	7.72	8.90	10.07	11.25
48	2.40	3.93	5.46	7.00	8.53	10.06	11.59	13.12	14.65
54	2.57	4.21	5.85	7.50	9.14	10.78	12.42	14.06	15.70
60	2.73	4.47	6.21	7.94	9.68	11.42	13.16	14.90	16.64
66	3.03	4.95	6.88	8.81	10.74	12.67	14.60	16.53	18.45
72	3.32	5.44	7.56	9.68	11.80	13.92	16.04	18.16	20.28
78	3.63	5.94	8.25	10.56	12.87	15.19	17.50	19.81	22.12
84	3.93	6.43	8.94	11.44	13.95	16.45	18.96	21.46	23.97
90	4.23	6.93	9.63	12.32	15.02	17.72	20.42	23.12	25.81
96	4.53	7.43	10.32	13.21	16.10	18.99	21.88	24.77	27.66



United Enertech certifies that the ADL-96 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA certified rating seal applied to air performance ratings and water penetration ratings.