



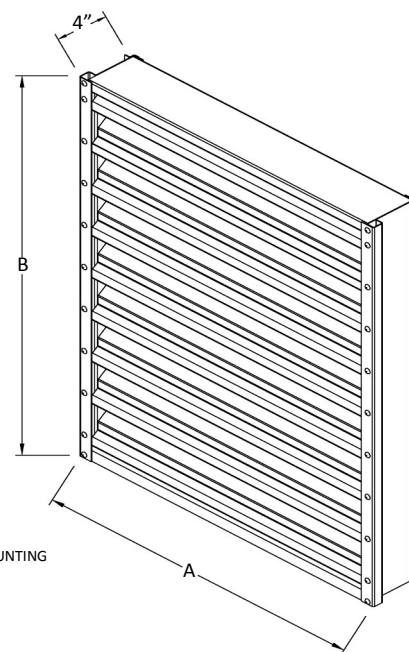
# STATIONARY LOUVER

formed aluminum with drainable blade

Model:  
**FA-40337**

## CONSTRUCTION

- **FRAME:** 4" deep channel, 0.080" 5052 H32 aluminum with downspouts
- **BLADES:** 4" deep, 37.5° angle, 3-1/2" on center, 0.080" 5052 H32 aluminum with drain gutters
- **SCREEN:** 1/2" Mesh x 0.063" aluminum bird screen when indicated
- **FINISH:** Mill or custom color when indicated
- Riveted and/or welded with drip lip, jamb, and sill flanges
- Minimum Panel Size: 12" x 12", Maximum Panel Size: 96" x 96"
- Undersized 1/2" in A & B dimensions providing 1/4" perimeter clearance
- Approximate shipping weight is: 3 lbs. per square foot

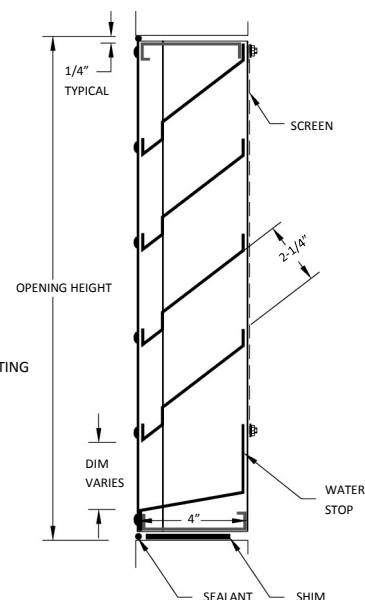
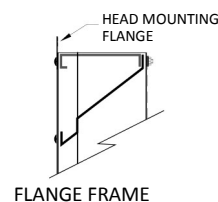
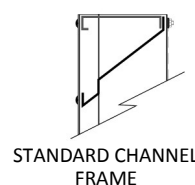
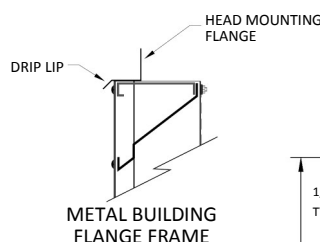
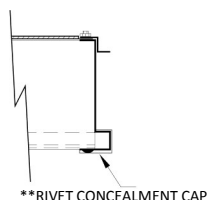


## FEATURES

- Published performance ratings based on AMCA 511 standard
- Licensed to bear the AMCA seal for air and water performance
- Free Area 54.8%, Water Penetration 0.01oz (3.0 g) at 893 FPM (4.54 m/s) free area velocity, Pressure Drop 0.13 in wg (32 Pa) at 893 FPM (4.54 m/s) and 7,832 SCFM (3.70 scm/s)
- Recycled content 5.3% Post-Consumer, 35.3% Pre-Consumer, 23.0% combined by weight per LEED reference guide

## OPTIONS

- Finish options: – Baked polyester – Kynar – Anodized
- Filter rack with applicable filters
- Special Shapes
- Insect screen (bird screen is standard)
- Hinged frame
- Rivet concealment caps\*\*
- Welded construction (high wind loads)
- Hidden Mullions



## FRAME CONSTRUCTION (X)

- Metal Building Flange Frame (MB)
- Standard Channel Frame (C)
- Flange Frame (F)

TAG	QTY	WIDTH "A"	HEIGHT "B"	FRAME	FINISH	OPTIONS

Customer

Job Name

Model

Architect

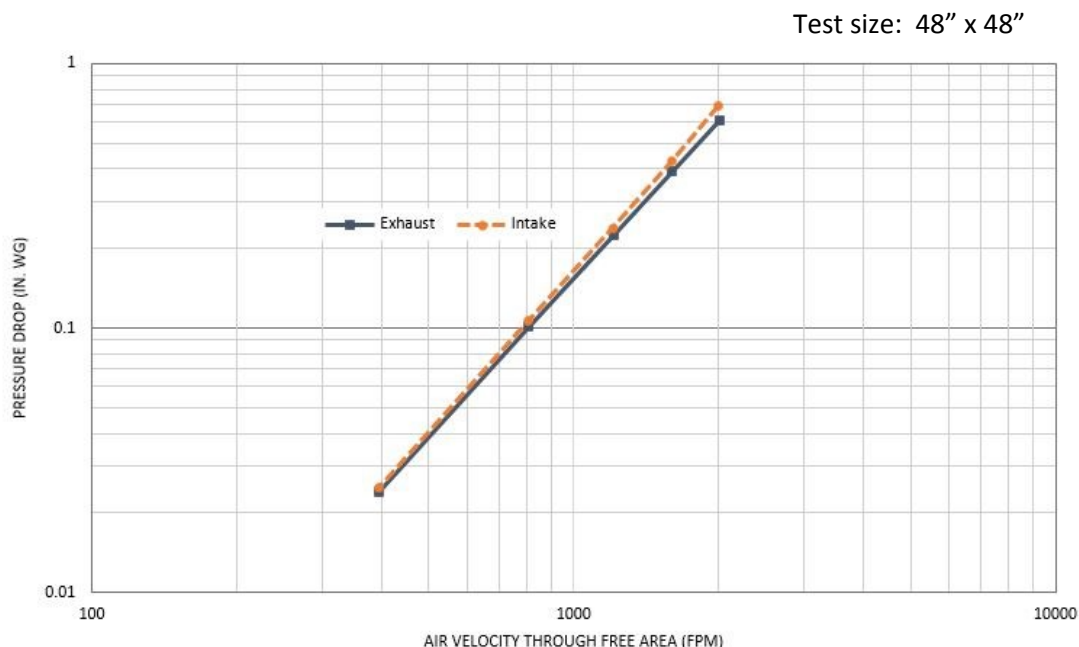
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# PERFORMANCE RATINGS

## stationary drainable blade louver (fa-40337 )

### Airflow Resistance (Standard Air—.075 lb/ft<sup>3</sup>)

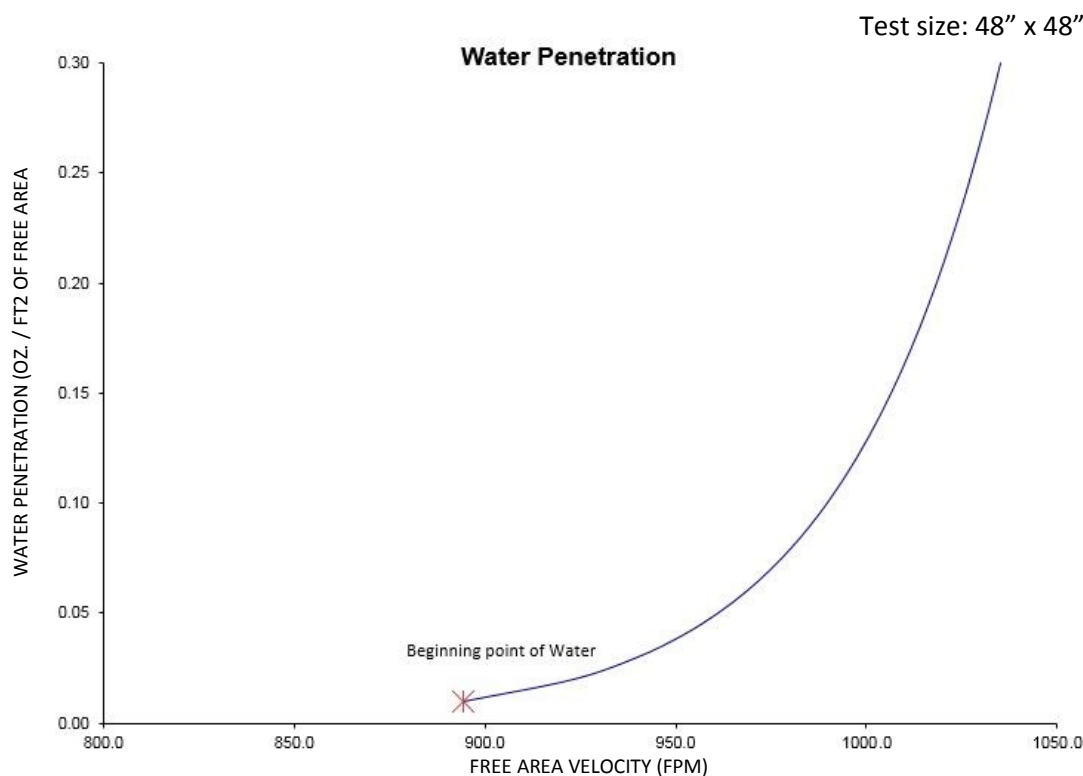


AMCA figure or figures 5.5 to which air performance is tested, Data corrected to standard air



R&S Manufacturing and Sales Co., Inc. certifies that the FA-40337 louvers shown herein are 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 Ratings Seal applies to water penetration and air performance ratings only.

### Water Penetration



The AMCA Water Penetration Test provides a method for comparing various louver models and designs as to their efficiency in resisting the penetration of rainfall under specific laboratory test conditions. The beginning point of water penetration is defined as the velocity where the water penetration curve projects through 0.01 oz. of water (penetration) per sq. ft. of louver free area. **\*The beginning point of water penetration for Model FA-40337 is 893 fpm free area velocity.** These performance ratings do not guarantee a louver to be weatherproof or stormproof and should be used in combination with other factors including good engineering judgment in selecting louvers.

**PERFORMANCE RATINGS****stationary drainable blade louver (fa-40337 )****Free Area Chart (Square Feet)****LOUVER WIDTH - INCHES****LOUVER HEIGHT - INCHES**

FA40377	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	0.31	0.49	0.68	0.86	1.05	1.23	1.42	1.60	1.78	1.97	2.15	2.34	2.52	2.71	2.89
18	0.63	1.01	1.40	1.78	2.16	2.54	2.92	3.30	3.68	4.06	4.44	4.82	5.20	5.58	5.96
24	0.87	1.39	1.92	2.44	2.96	3.48	4.01	4.53	5.05	5.57	6.10	6.62	7.14	7.66	8.19
30	1.11	1.77	2.44	3.10	3.77	4.43	5.09	5.76	6.42	7.09	7.75	8.42	9.08	9.74	10.41
36	1.43	2.29	3.15	4.02	4.88	5.74	6.60	7.46	8.32	9.18	10.04	10.90	11.76	12.62	13.48
42	1.67	2.67	3.68	4.68	5.68	6.68	7.68	8.69	9.69	10.69	11.69	12.70	13.70	14.70	15.70
48	1.91	3.05	4.20	5.34	6.48	7.63	8.77	9.92	11.06	12.21	13.35	14.49	15.64	16.78	17.93
54	2.14	3.43	4.72	6.00	7.29	8.57	9.86	11.15	12.43	13.72	15.01	16.29	17.58	18.86	20.15
60	2.47	3.95	5.43	6.92	8.40	9.88	11.36	12.85	14.33	15.81	17.29	18.77	20.26	21.74	23.22
66	2.71	4.33	5.96	7.58	9.20	10.83	12.45	14.08	15.70	17.32	18.95	20.57	22.20	23.82	25.45
72	2.94	4.71	6.48	8.24	10.01	11.77	13.54	15.31	17.07	18.84	20.60	22.37	24.14	25.90	27.67
78	3.27	5.23	7.19	9.16	11.12	13.08	15.04	17.00	18.97	20.93	22.89	24.85	26.81	28.78	30.74
84	3.51	5.61	7.71	9.82	11.92	14.03	16.13	18.23	20.34	22.44	24.55	26.65	28.75	30.86	32.96
90	3.74	5.99	8.24	10.48	12.73	14.97	17.22	19.46	21.71	23.96	26.20	28.45	30.69	32.94	35.19
96	3.98	6.37	8.76	11.14	13.53	15.92	18.31	20.70	23.08	25.47	27.86	30.25	32.63	35.02	37.41

**Suggested Specification**

Furnish and install louvers as hereafter specified where shown on plans or as described in schedules. Louvers shall be stationary drainable type entirely contained within a 4" frame. Louvers shall include a drain gutter in each blade and downspouts in jambs and mullions. 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 limit span between visible mullions to 8 feet and shall incorporate structural supports required to withstand a wind load of 20 pounds per square foot equivalent of a 90 MPH wind. (Specifier may substitute any loading required).

Louvers shall be R&S Model FA-40337 with construction as follows:

FRAME: 0.080" 5052 H32 aluminum

BLADES: 0.080" 5052 H32 aluminum positioned at 37-1/2 degrees on 3-3/8" centers

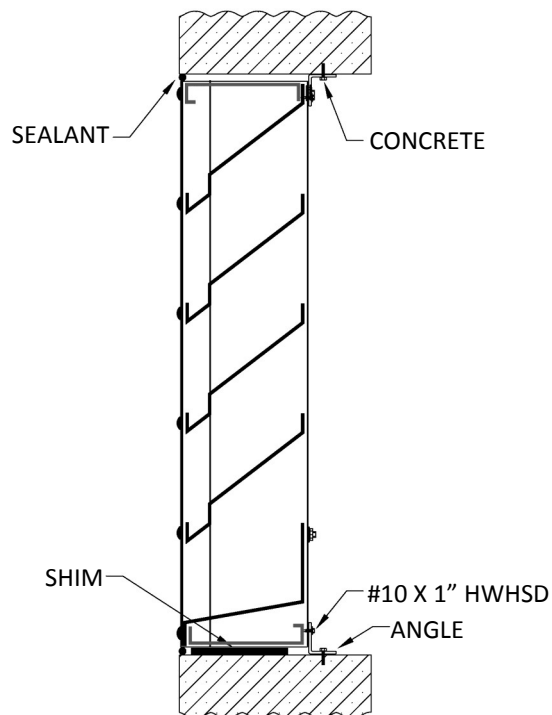
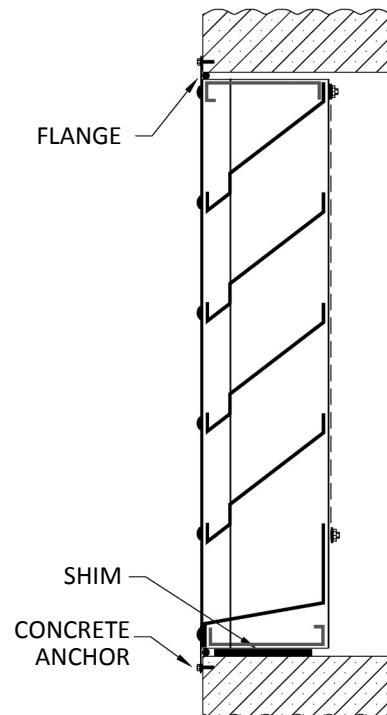
SCREEN: 1/2" Mesh x 0.063" aluminum bird screen

FINISH: Select finish from baked polyester (powder coat), Kynar, anodized, or mill

**Performance Data**

AMCA Standard 500 provides a reasonable basis for testing and rating louvers. Testing to AMCA 500 is performed under a certain set of laboratory conditions. This does not guarantee that other conditions will not occur in the actual environment where louvers must operate.

Designs should provide a reasonable safety factor for louver performance by selecting at some point below pressure drop or water penetration system requirements.

**TYPICAL INSTALLATION DETAILS****stationary drainable blade louver (fa-40337 )****Masonry Wall****Flange Mount****Metal Building Wall**