



# ADJUSTABLE LOUVER

formed aluminum with adjustable blades

**Model:**  
**AA-4054-X**

### CONSTRUCTION

- **FRAME:** 4" deep channel, 0.080" 5052 H32 aluminum
- **BLADES:** 4" deep, 40° angle, 4-1/2" on center, 5052 H32 aluminum
- **SCREEN:** 1/2" Mesh x 0.063" aluminum bird screen when indicated
- **FINISH:** Mill (with touch-ups on welds) or custom when indicated
- Riveted and/or welded with drip lip, jamb, and sill flanges
- Minimum Panel Size: 12" x 12", Maximum Panel Size: 60" x 96"
- Undersized 1/2" in A & B dimensions providing 1/4" perimeter clearance
- Approximate shipping weight is: 4 lbs. per square foot
- Louvers larger than max listed require field assembly of smaller sections

### FEATURES

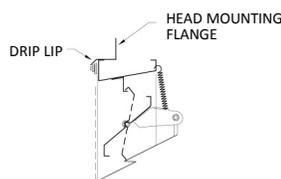
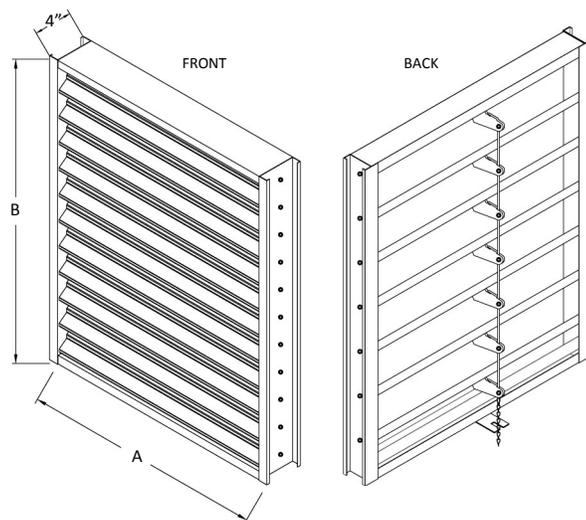
- Free Area and water performance approximately 90% of equivalent stationary model
- Aluminum construction resists corrosion and requires little maintenance
- Self lubricating bearings

### OPTIONS

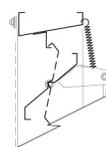
- Finish options: – Baked polyester – Kynar (AMMA 2605) – Anodized
- Filter rack with applicable filters
- Security bars
- Insect screen (bird screen is standard)
- Hidden mullions
- Rivet concealment caps
- Welded construction (high wind loads)
- Stainless steel construction
- Motorized operation
- Blade and/or jamb seals

### FRAME CONSTRUCTION (X)

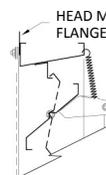
- Metal Building Flange Frame (MB)
- Standard Channel Frame (C)
- Flange Frame (F)



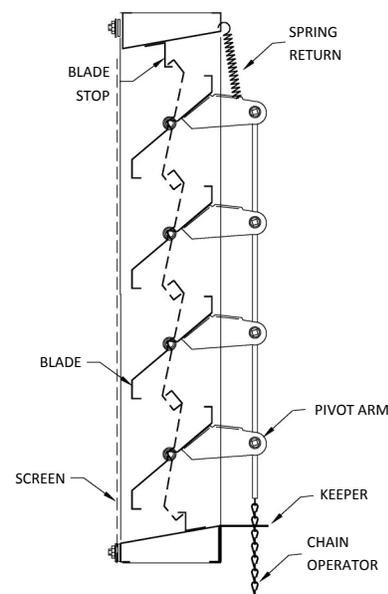
METAL BUILDING FLANGE FRAME



STANDARD CHANNEL FRAME



FLANGE FRAME



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

**Customer**

Job Name	Model
Architect	Date



**PERFORMANCE RATINGS**

**Adjustable blade louver (aa-4054 )**

LOUVER HEIGHT - INCHES	LOUVER WIDTH - INCHES									
	AA4054	12	18	24	30	36	42	48	54	60
12		0.26	0.44	0.62	0.79	0.97	1.15	1.32	1.50	1.67
18		0.48	0.80	1.12	1.45	1.77	2.09	2.41	2.73	3.05
24		0.63	1.06	1.48	1.90	2.33	2.75	3.17	3.59	4.02
30		0.87	1.46	2.04	2.62	3.20	3.78	4.37	4.95	5.53
36		1.09	1.82	2.55	3.27	4.00	4.73	5.45	6.18	6.91
42		1.24	2.07	2.90	3.73	4.56	5.39	6.22	7.04	7.87
48		1.48	2.47	3.46	4.45	5.43	6.42	<b>7.41</b>	8.40	9.38
54		1.70	2.83	3.97	5.10	6.23	7.37	8.50	9.63	10.76
60		1.85	3.09	4.32	5.56	6.79	8.02	9.26	10.49	11.73
66		2.09	3.48	4.88	6.27	7.67	9.06	10.45	11.85	13.24
72		2.31	3.85	5.39	6.93	8.46	10.00	11.54	13.08	14.62
78		2.46	4.10	5.74	7.38	9.02	10.66	12.30	13.94	15.58
84		2.70	4.50	6.30	8.10	9.90	11.70	13.50	15.30	17.10
90		2.92	4.86	6.81	8.75	10.70	12.64	14.59	16.53	18.48
96		3.07	5.12	7.16	9.21	11.25	13.30	15.35	17.39	19.44

**Suggested Specification**

Furnish and install louvers as hereafter specified where shown on plans or as described in schedules. Louvers shall be adjustable blade type entirely contained within a 4" frame. Louvers shall have a minimum of 46% free area based on a 48" x 48" size. 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 5 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 AA-4054 with construction as follows:

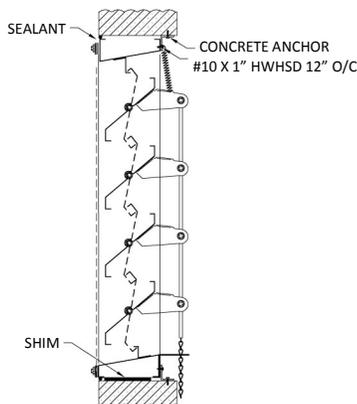
FRAME: 0.080" 5052 H32 aluminum

BLADES: 0.080" 5052 H32 aluminum positioned at 40 degrees on 4-1/2" centers

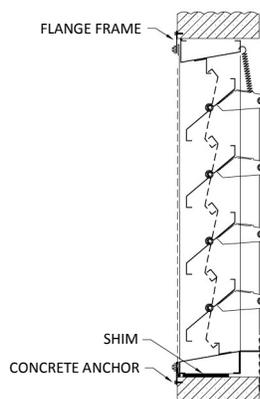
SCREEN: 1/2" Mesh x 0.063" aluminum bird screen

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

**Masonry Wall**



**Flange Mount**



**Metal Building Wall**

