

MODEL EA-700-4

Extruded Aluminum Louver • 4" Deep • Insulated Airfoil Blades • Adjustable

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Standard Materials and Construction

FRAME: .081" thk. (nominal) extruded aluminum, 6063-T52/T6 alloy.

BLADE: .081" thk. (nominal) extruded aluminum, 6063-T52/T6 alloy.
Blades are approximately 4" on centers.

LOUVER FACE: Full width sill with drain head and non-drain insulated airfoil blades contained within jambs.

BEARINGS: Celcon bearing materials so that there will be no metal to metal friction.

LINKAGE: Extruded aluminum, concealed in the channel out of the airstream. Pivots are .50" dia. machined steel. Plated steel pivots rotate in a Celcon bearing. A $\frac{5}{16}$ " dia. aluminum linkage rod is locked to the pivot by a $\frac{1}{4}$ " - 20 set screw with epoxy locking patch.

SHAFTS: $\frac{1}{2}$ " dia aluminum "Pin-Lock" rod.

SEALS: Extruded silicone rubber seals at blade edge.
Polycarbonate at jambs.

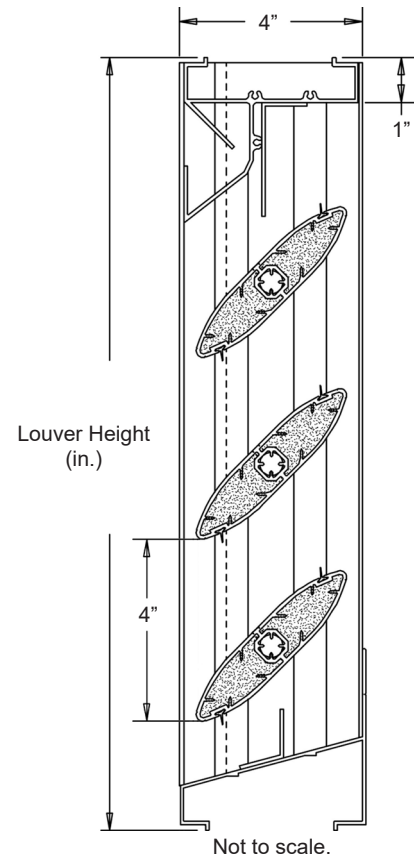
SCREEN: (When indicated, in a removable frame)

$\frac{1}{2}$ " flattened aluminum, .051" thk.,

-or- $\frac{1}{2}$ " sq. mesh intermediate double crimped aluminum wire, .063" dia.,

-or- $\frac{1}{8}$ " aluminum mesh insect screen, .011" dia.

FINISH: Mill.



Options

Finishes - Enamels, Epoxies, etc.

Other screens are available.

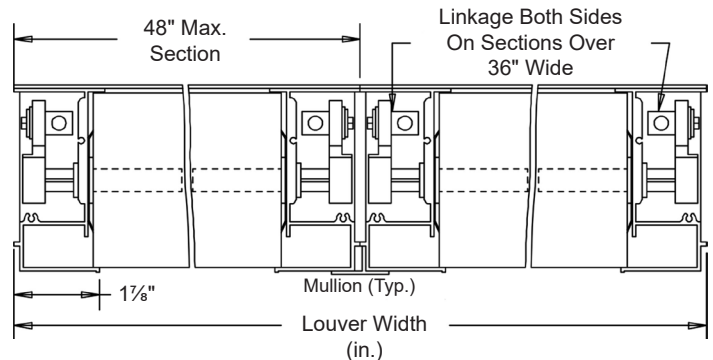
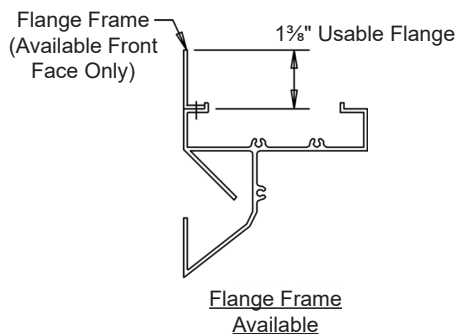
Actuators - Electric, Pneumatic, Manual, etc.


Notes

1. $\frac{1}{2}$ " nominal deduction will be made to the opening size given.
2. Approximate shipping weight is 7.0 lbs./sq.ft.

Louver Sizes

Min Panel	Max Single Panel
12"W x 12"H	48"W x 96"H



										
Item #	Qty	Width	Height	Width	Height	Mullion	Type	Location		
		Opening Size		Louver Size			Screens			Union Made
Arch. / Eng.:						EDR:		ECN:		Job:
Contractor:										
Project:						Date:		DWN:		DWG:

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Free Area Table

		Free Area (sq. ft.)						
		Width (in.)						
		12"	18"	24"	30"	36"	42"	48"
Height (in.)	12"	.13	.22	.31	.40	.49	.59	.68
	24"	.46	.79	1.13	1.46	1.80	2.13	2.46
	36"	.79	1.37	1.95	2.52	3.10	3.67	4.25
	48"	1.13	1.94	2.76	3.58	4.40	5.22	6.04
	60"	1.46	2.52	3.58	4.64	5.70	6.76	7.82
	72"	1.79	3.10	4.40	5.70	7.01	8.31	9.61
	84"	2.13	3.67	5.22	6.76	8.31	9.85	11.40
	96"	2.46	4.25	6.03	7.82	9.61	11.40	13.19