

# Model IL31AFM

**Extruded Aluminum Louver • 6" Deep • 35° Drainable Blades • Airfoil Adjustable Blades • Concealed Actuator**

## STANDARD CONSTRUCTION

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

**BLADES:** Stationary blades are made from .081" thk. (nominal) extruded aluminum 6063-T52/T6 alloy. Adjustable Airfoil blades are made from .125" thk. (nominal) extruded aluminum 6063-T52/T6 alloy. Blades are approximately 4½" on centers.

**LOUVER FACE:** Full width sill with head and blades contained within jams.

**SHAFT:** .50" dia. aluminum "Pin-Lock" rod.

**LINKAGE:** Extruded aluminum, concealed in the channel out of the airstream. The pivots, which rotate in Celcon bearings, are .50" dia. Cadmium plated and Chromate treated machined steel. The pivot is locked to the ⅝" dia. aluminum linkage rod by a ¼ - 20 set screw with epoxy locking patch.

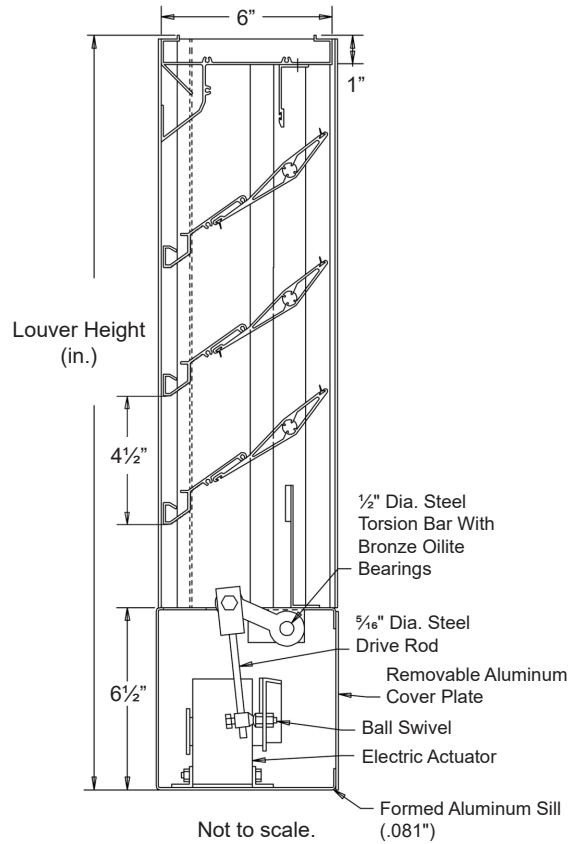
**SEALS:** Extruded silicone rubber seals at blade edge. Foam on bottom blade. Stainless steel at jams.

**SCREEN:** (When indicated, in a removable frame) ½" flattened aluminum, .051" thk.,

- or- Insect screen 1⅞ aluminum mesh, .011" dia.,
- or- ½" sq. mesh intermediate double crimped aluminum wire, .063" dia.

**FINISH:** Mill.

**ACTUATOR:** 120 VAC spring return normally closed. 133 in-lbs. torque.



Not to scale.

## OPTIONS

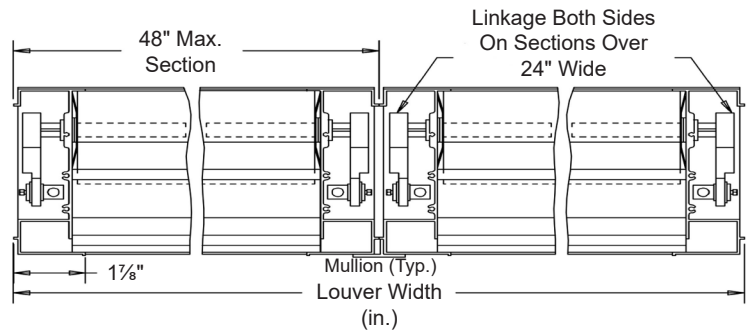
Finishes - Enamels, Epoxies, etc.  
Other screens also available.

## NOTES

- Nominal deductions will be made to the opening size given.
- Approximate shipping weight is 5.7 lbs./sq.ft.

## LOUVER SIZES

Min Panel	Max Single Panel
12"W x 19"H	48"W x 96"H



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

In the interest of product development, Louvers & Dampers reserves the right to make changes without notice.