

**Extruded Aluminum Louver ▲ 6" Deep ▲ 35° Drainable Baffle Blades ▲ Combination Adjustable ▲ Exhaust Only**

**STANDARD MATERIALS AND 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. Operable blades are made from .032" thk. (nominal) formed aluminum. Blades are approximately 3½" on centers.

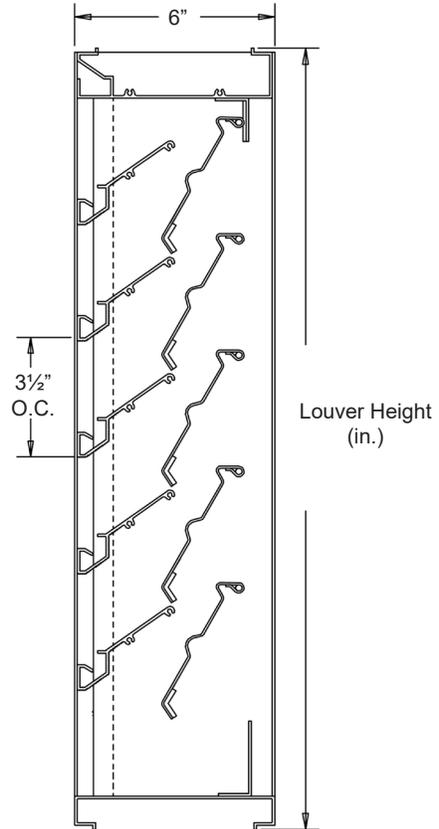
**LOUVER FACE:** Full width sill with head and blades contained within jambs.

**BEARINGS:** Oilite bronze, press fit into frame.

**SCREEN:** (When indicated, in a removable frame)

- or- ½" flattened aluminum, .051" thk.,
- or- 1⅞/16" aluminum mesh insect screen, .011" dia.,
- or- ½" sq. mesh intermediate double crimped aluminum wire, .063" dia.

**FINISH:** Mill.



Not to scale.

**OPTIONS**

Finishes - Enamels, Epoxies, etc.

Other screens available.

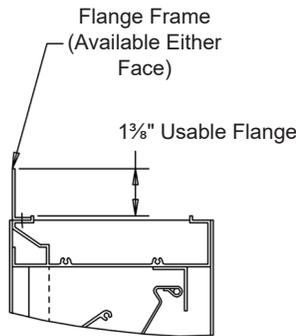
Actuators - Electric, Pneumatic, Manual, etc.

**NOTES**

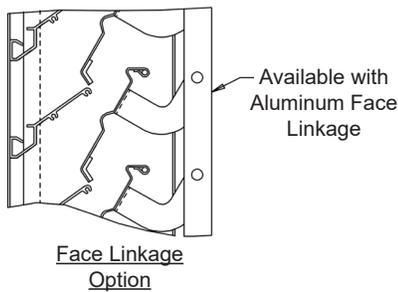
1. ½" nominal deduction will be made to the opening size given.
2. Approximate shipping weight is 5.3 lbs./sq.ft.

**LOUVER SIZES**

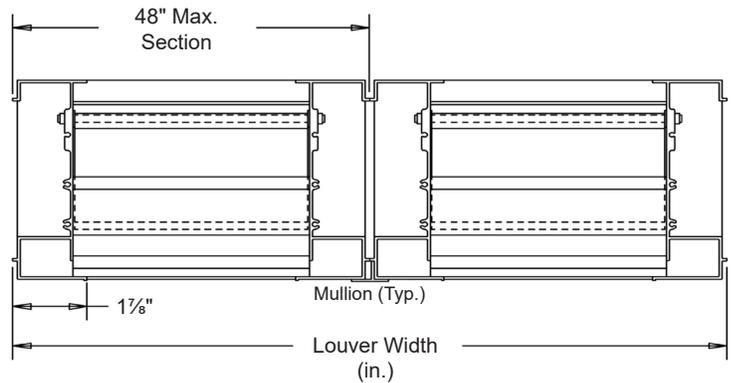
Min Panel	Max Single Panel
12"W x 12"H	48"W x 72"H



Flange Frame Option



Face Linkage Option



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:



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**PERFORMANCE DATA**

Pressure Drop: .19 in. w.g. (exhaust) without Face Linkage  
 .08 in. w.g. (exhaust) with Face Linkage fully open

Free Area: 8.18 sq.ft. = 51% for 48"W x 48"H sample tested in accordance with AMCA Standard 500-L.

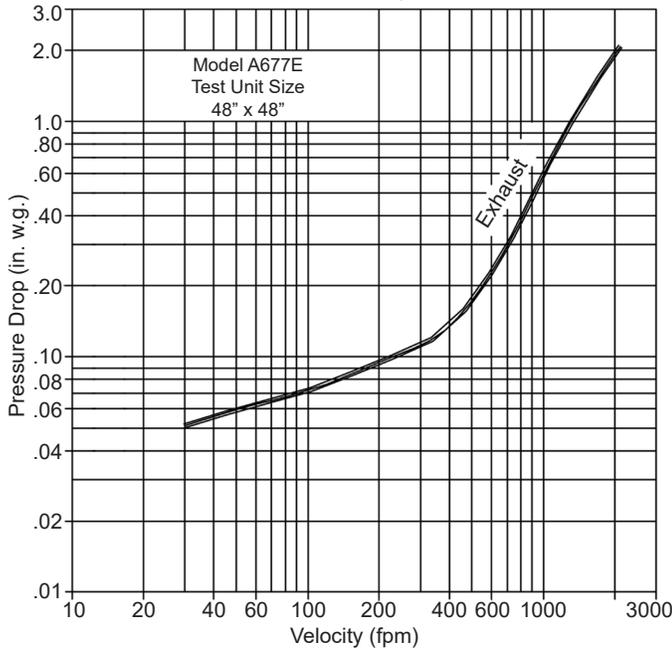
Ratings do not include the effect of a screen.

**Without Face Linkage**

Louver installed per AMCA Standard 500-L Fig. 5.5  
 Pressure is corrected to .075 lb./cu.ft. air density.

Operational Pressures  
 Start to Open - .053 in. w.g.  
 Open - .182 in. w.g.

Pressure Drop

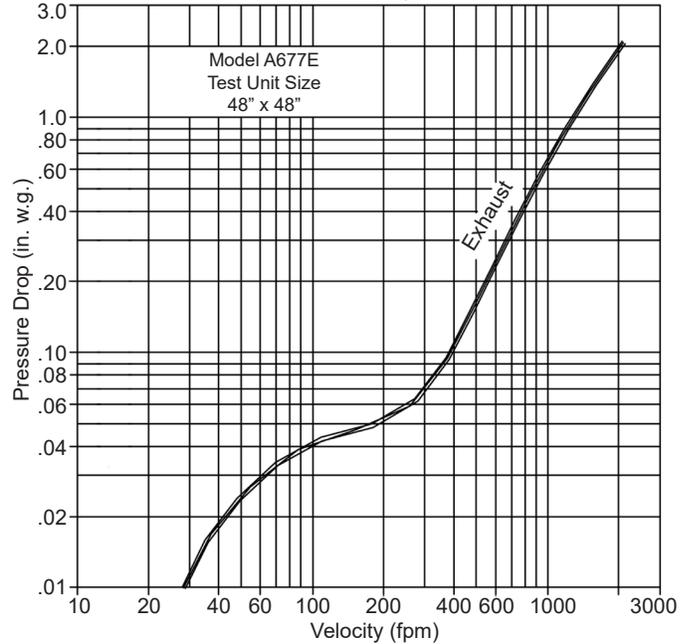


**With Face Linkage**

Louver installed per AMCA Standard 500-L Fig. 5.5 (Face mounted to plenum)  
 Pressure is corrected to .075 lb./cu.ft. air density.

Operational Pressures  
 Start to Open - .010 in. w.g.  
 Open - .073 in. w.g.

Pressure Drop



Exhaust air converted to .075 lb./cu.ft. air density.

Free Area (sq.ft)

		Width (in.)						
		12"	18"	24"	30"	36"	42"	48"
Height (in.)	12"	.25	.43	.61	.79	.97	1.15	1.33
	24"	.69	1.20	1.70	2.21	2.71	3.22	3.72
	36"	1.07	1.85	2.63	3.41	4.19	4.97	5.75
	48"	1.52	2.63	3.74	4.85	5.96	7.07	8.18
	60"	1.90	3.28	4.66	6.04	7.42	8.80	10.18
	72"	2.35	4.06	5.77	7.48	9.19	10.90	12.60

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