MODEL A488A

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Extruded Alumium Louver • 6" Deep • Adjustable Straight Blades • Non-Drainable

STANDARD MATERIALS AND CONSTRUCTION

<u>TANDARD MATE</u>	<u>RIALS AND CONSTRUCTION</u>
FRAME:	.081" thick (nominal) extruded aluminum 6063-T52/T6 alloy.
BLADE:	.081" thick (nominal) extruded aluminum 6063-T52/T6 alloy.
	Blades are approximately 4" on centers.
LOUVER FACE:	Full width sill with drain head and non-drain blades
	contained within the drain jambs.
LINKAGE:	Extruded aluminum, concealed in channel out of airstream.
	Pivots are .50" dia. plated and machined steel. Pivots rotate in a
	celcon bearing. A .312" dia. aluminum linkage rod is locked to
	the pivot by a $\frac{1}{4}$ - 20 set screw with an epoxy locking patch.
SHAFTS:	.50" dia. aluminum "Pin-Lock" rod.
SEALS:	Extruded silicone rubber seal at blade edge. Polyurethane
	at the jambs.
SCREEN:	(When indicated, in a removable frame.)
	1⁄2" flattened aluminum, .051" thick,
-or-	1/2" sq. mesh, intermediate double-crimped aluminum wire,
	.063" dia.,
-or-	¹⁸ / ₁₆ mesh, .011" dia. aluminum wire, insect screen
FINISH:	Mill.

OPTIONS

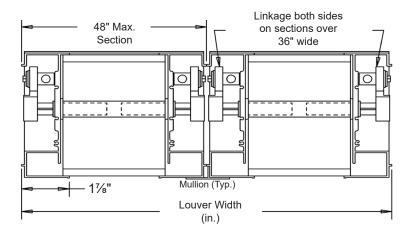
Finish - Baked Enamel, Kynar, Anodize Actuators - Electric, Pneumatic, Manual, etc.

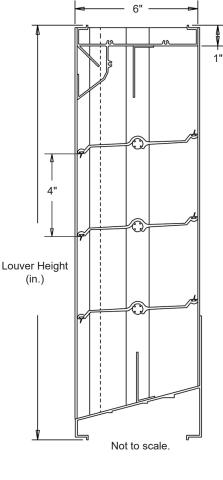
NOTES

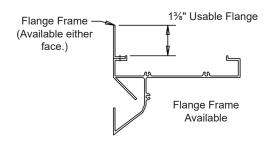
- 1. Nominal deductions will be made to the opening size given.
- 2. Approximate shipping weight is 5.0 lbs./sq.ft.

LOUVER SIZES

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







Thomas #	0	Width	Height	Width	Height	Mullion	Туре	Location		COD S
Item #	Qty	Openir	ng Size	Louve	er Size	Mullion	Screens			Union Made
Arch. /	Arch. / Eng. :					EDR:		ECN:	Job:	
Contr	actor:									
Project:						Date:		DWN:	DWG:	

Dampers UL Life Safety Products

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In the interest of product development, Air Balance reserves the right to make changes without notice. 450 Riverside Dr • Wyalusing PA, 18853 • Phone 570-746-1888 • Fax 570-746-9286 AB-12-01-04

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PERFORMANCE DATA

Pressure Drop:

Free Area:

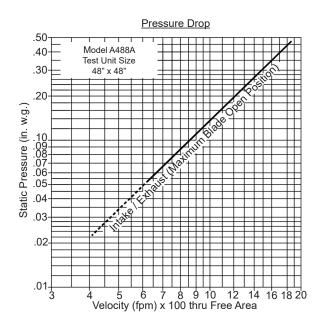
Beginning Point of Water Penetration:

Ratings do not include the effects of a screen

10.71 sq.ft. = 67% for 48"W x 48"H sample tested in accordance with AMCA Standard 500-L.

.14 in. w.g. at 1000 fpm (intake)

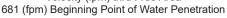
681 fpm



The AMCA Certified Ratings Seal applies to Air Performance only. Tested in accordance with AMCA 500-L Test Figure 5.5-6.5

		<u>Free Area</u> (sq.ft.)										
		Width (in.)										
		12" 18" 24" 30" 36" 42" 48"										
Height (in.)	12"	.22	.39	.56	.73	.90	1.07	1.24				
	24"	.79	1.38	1.97	2.56	3.15	3.74	4.33				
	36"	1.35	2.36	3.37	4.38	5.39	6.40	7.41				
	48"	1.91	3.34	4.77	6.21	7.64	9.07	10.71				
	60"	2.47	4.32	6.18	8.03	9.89	11.74	13.59				
	72"	3.03	5.31	7.58	9.86	12.13	14.41	16.68				
	84"	3.59	6.29	8.99	11.68	14.38	17.07	19.77				
	96"	4.16	7.27	10.39	13.51	16.63	19.74	22.86				

Water Penetration .30 Model A488A .28-Test Unit Size Water (oz./ft2) Free Area 15 Minute Interval .26 48" x 48" .24 .22 .20 .18 .16 .14 .12-.10 .08 .06 .04 .02 0-600 700 800 900 500 Velocity (fpm) thru Free Area





Air Balance certifies that the Model A488A louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with the AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Air Performance only.



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