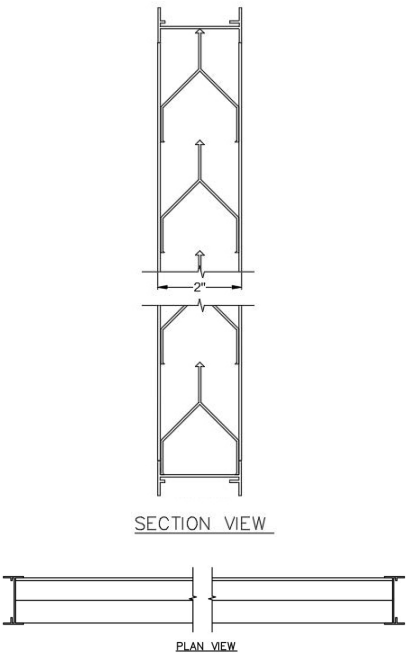
Model 2282
2" (50.8 mm) Deep Fixed Thinline A Frame Louver

Material:

Material:	6063-T6 Alloy
Nominal Thickness (heads, sills, jambs, & mullions):	0.052" (1.32 mm)
Nominal Blade Thickness:	0.052" (1.32 mm)
Furnished With:	Birdscreen: ½" (12.7mm) intercrimp aluminum mesh, 0.063" (1.60 mm) diameter wire removeable aluminum bird screen in an aluminum frame
Additional Options (at additional cost):	Insect screen (in lieu of bird screen), Continuous clip angles for attachment Sheet blank off, Insulated blank off Sill pans, Integrated glazing frames

Test Summary:
For a 4 Foot by 4 Foot Unit.
Tested with mill finish and no screen

- Free area = 6.26 ft² (0.58 m²)
- Percent free area = 39.1%
- Maximium recommended air intake velocity = 500 FPM (2.54 m/s)
- Intake pressure drop at 500 FPM free area velocity = 0.20 in H_2O (49.76 Pa)



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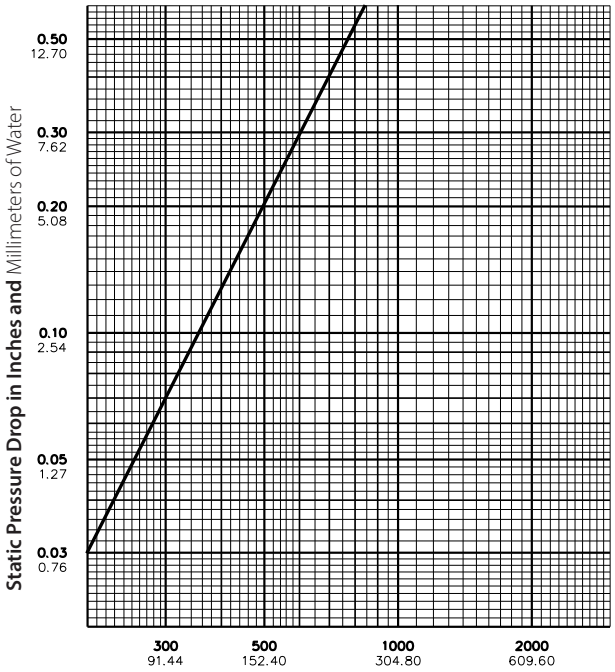

Air Velocity in Feet and Meters per Minute **Through Free Area**

Data corrected to standard air density.
48" x 48" (121.92cm x 121.92cm) louver tested to figure 5.5.

Free Area Table (Free area in **sq. feet** and sq. meters)
For additional sizes, please visit:
https://www.c-sgroup.com/architectural-louvers/louvers-airflow-tool

Width in Inches and Meters

Height in Inches and Meters	**18**	**24**	**30**	**36**	**42**	**48**	**54**	**60**
	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52
18	**0.73**	**1.00**	**1.27**	**1.54**	**1.81**	**2.09**	**2.36**	**2.63**
0.46	0.07	0.09	0.12	0.14	0.17	0.19	0.22	0.24
24	**1.04**	**1.42**	**1.80**	**2.18**	**2.56**	**2.95**	**3.33**	**3.71**
0.61	0.10	0.13	0.17	0.20	0.24	0.27	0.31	0.34
30	**1.35**	**1.85**	**2.35**	**2.85**	**3.35**	**3.85**	**4.35**	**4.85**
0.76	0.13	0.17	0.22	0.26	0.31	0.36	0.40	0.45
36	**1.65**	**2.26**	**2.87**	**3.47**	**4.08**	**4.69**	**5.30**	**5.91**
0.91	0.15	0.21	0.27	0.32	0.38	0.44	0.49	0.55
42	**1.92**	**2.63**	**3.34**	**4.05**	**4.76**	**5.47**	**6.18**	**6.89**
1.07	0.18	0.24	0.31	0.38	0.44	0.51	0.57	0.64
48	**2.20**	**3.01**	**3.82**	**4.63**	**5.44**	**6.26**	**7.07**	**7.88**
1.22	0.20	0.28	0.35	0.43	0.51	0.58	0.66	0.73
54	**2.50**	**3.42**	**4.35**	**5.27**	**6.19**	**7.12**	**8.04**	**8.96**
1.37	0.23	0.32	0.40	0.49	0.58	0.66	0.75	0.83
60	**2.82**	**3.86**	**4.90**	**5.94**	**6.98**	**8.02**	**9.06**	**10.10**
1.52	0.26	0.36	0.46	0.55	0.65	0.75	0.84	0.94
66	**3.11**	**4.26**	**5.41**	**6.56**	**7.71**	**8.86**	**10.01**	**11.16**
1.68	0.29	0.40	0.50	0.61	0.72	0.82	0.93	1.04
72	**3.39**	**4.64**	**5.89**	**7.14**	**8.39**	**9.64**	**10.89**	**12.15**
1.83	0.31	0.43	0.55	0.66	0.78	0.90	1.01	1.13
78	**3.66**	**5.02**	**6.37**	**7.72**	**9.07**	**10.43**	**11.78**	**13.13**
1.98	0.34	0.47	0.59	0.72	0.84	0.97	1.09	1.22
84	**3.97**	**5.43**	**6.89**	**8.36**	**9.82**	**11.29**	**12.75**	**14.22**
2.13	0.37	0.50	0.64	0.78	0.91	1.05	1.18	1.32
90	**4.28**	**5.86**	**7.45**	**9.03**	**10.61**	**12.19**	**13.77**	**15.35**
2.29	0.40	0.54	0.69	0.84	0.99	1.13	1.28	1.43
96	**4.58**	**6.27**	**7.96**	**9.65**	**11.34**	**13.03**	**14.72**	**16.41**
2.44	0.43	0.58	0.74	0.90	1.05	1.21	1.37	1.52

Upper Numerals English Units/Lower Numerals Metric Units

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