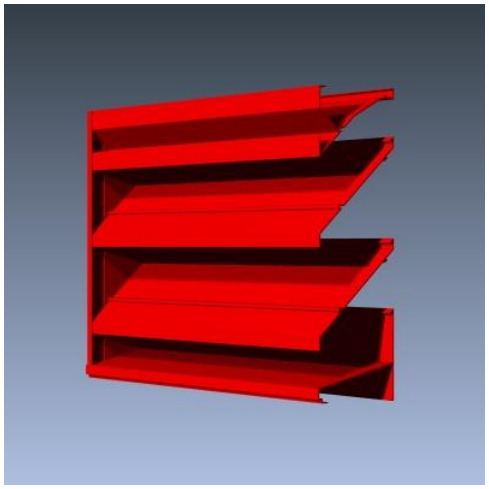
MODEL 650XP

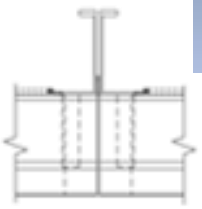


STANDARD CONSTRUCTION

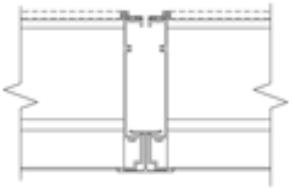
- Material: Extruded Aluminum 6063-T6
- Frame: 6” (152mm) deep, .081” (2.1mm) nominal wall thickness
- Blades: 6” (152mm) deep, .081” (2.1mm) nominal wall thickness
- Blade Spacing: 6.875” (175mm) on center
- Screen: 1/2” x .063” flattened expanded bird screen and/or 18 x 14 mesh charcoal insect screen.
- Finish: Mill

OPTIONAL ACCESSORIES

- Extended Sill Flashing
- Insulated and Non-insulated Blank-off Panels
- Flanged & Glazing Frames of various sizes
- Hinged Access Panels
- Sub-frames
- Visible Mullions
- Invisible Mullions for continuous blade appearance



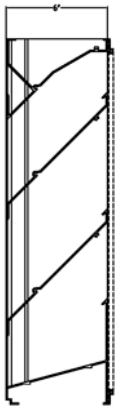
Invisible Vertical Mullion



Visible Vertical Mullion

FINISHES

- 2 coat Fluropolymer: Kynar® 500 / custom colors available in 70% PVDF (AAMA 2605). Living Building Challenge (LBC) Red List Free.
- 3 coat Fluropolymer: Kynar 500 / Hylar 5000 custom colors available in 70% PVDF (AAMA 2605). LBC Red List Free.
- Anodic finishes: Class I and Class II in Clear, Light/Medium/Dark Bronze, Champagne, and Black.
- Prime coat
- Mill



Vertical Section

Plan View

Qty.	Size: Actual ☐ M.O. ☐		Mullion Type	No. of Sections	Notes
	Width	Height			
☐	Sill flashing:		Project:		
☐	Screen:		Location:		
☐	Finish:		Architect:		
	Color:		Representative:		
☐	Other:		Date: Job #:		

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MODEL 650XP

SUGGESTED SPECIFICATIONS

General: Furnish and install where indicated on drawings 6" (102mm) Extra Performance Weather Resistant Louver Model 650XP as manufactured by Industrial Louvers, Inc., Delano, MN.

Material: Extruded aluminum frames and blades shall be one piece 6063-T6 alloy. Frame shall have a material thickness of .081" (2.1mm). Fixed blades shall have a material thickness of .081" (2.1mm). Frames and blades shall be joined by stainless steel mechanical fastener, and frame will be caulked to prevent water penetration to interior wall construction.

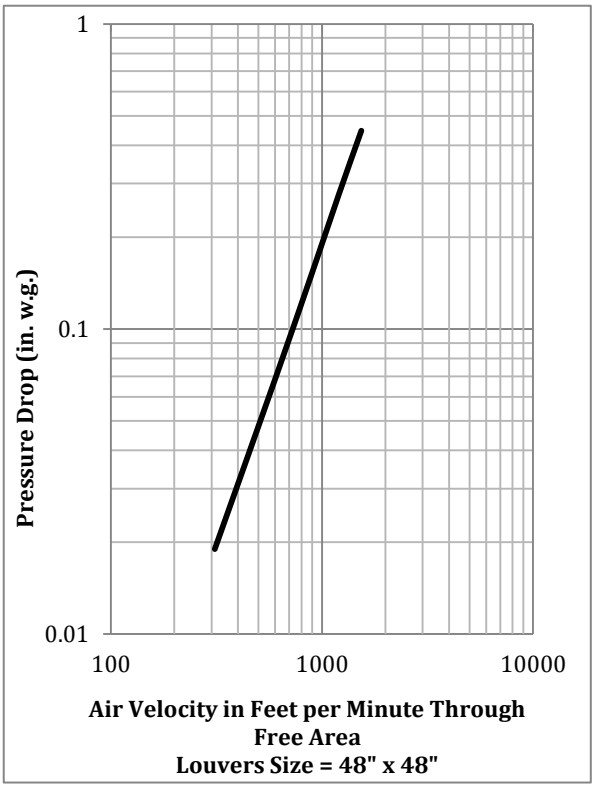
Performance

- Free area (4' x 4' louver) = 8.15 sq. ft. (50.9%)
- Free area velocity at point of beginning water penetration (.01 oz/sq. ft.) = 1076 fpm
- Pressure drop @ 884.5 FPM velocity = .15" water
- Air volume @ 884.5 FPM free area velocity = 7,208.68 CFM

Free Area

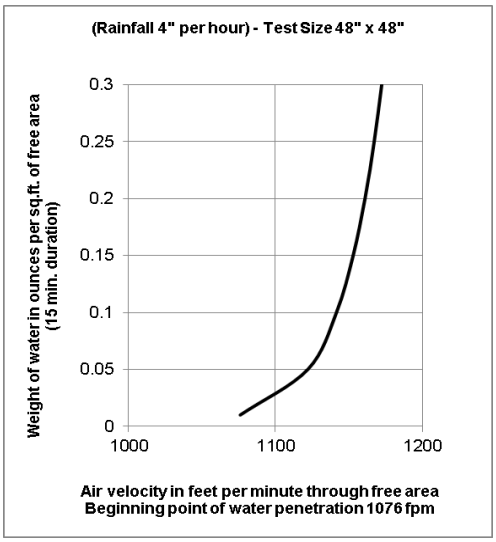
Square Feet (Square Meters)						
Free Area AMCA Licensed for openings up to 72" x 120"						
For free area data for larger openings, contact factory.						
3048.0	0.45	0.99	1.53	2.07	2.61	3.14
120	**4.81**	**10.62**	**16.42**	**22.23**	**28.03**	**33.84**
2743.2	0.40	0.88	1.37	1.85	2.33	2.81
108	**4.30**	**9.50**	**14.69**	**19.88**	**25.08**	**30.27**
2438.4	0.35	0.78	1.20	1.63	2.06	2.48
96	**3.79**	**8.38**	**12.96**	**17.54**	**22.12**	**26.70**
2133.6	0.31	0.67	1.04	1.41	1.78	2.15
84	**3.29**	**7.26**	**11.22**	**15.19**	**19.16**	**23.13**
1828.8	0.26	0.57	0.88	1.19	1.51	1.82
72	**2.78**	**6.13**	**9.49**	**12.85**	**16.20**	**19.56**
1524	0.21	0.47	0.72	0.98	1.23	1.49
60	**2.27**	**5.01**	**7.76**	**10.50**	**13.24**	**15.98**
1219.2	0.16	0.36	0.56	0.76	0.96	1.15
48	**1.76**	**3.89**	**6.02**	**8.15**	**10.28**	**12.41**
914.4	0.12	0.26	0.40	0.54	0.68	0.82
36	**1.26**	**2.77**	**4.29**	**5.81**	**7.33**	**8.84**
609.6	0.07	0.15	0.24	0.32	0.41	0.49
24	**0.75**	**1.65**	**2.56**	**3.46**	**4.37**	**5.27**
304.8	0.02	0.05	0.08	0.10	0.13	0.16
12	**0.24**	**0.53**	**0.82**	**1.12**	**1.41**	**1.70**
	304.8	609.6	914.4	1219	1524	1829
H/W	**12**	**24**	**36**	**48**	**60**	**72**

Air Performance Chart



The AMCA Certified Ratings Seal applies to Air Capacities in the intake model only

Water Penetration Chart



Industrial Louvers, Inc. certifies that Model 650XP shown hereon is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings.

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