

MODEL 482XP

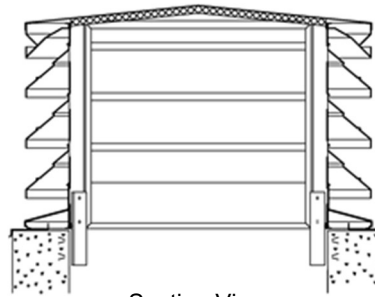
STANDARD CONSTRUCTION

- **Material:** Extruded Aluminum 6063-T6
- **Frame:** 4" (102mm) deep, .081" (2.1mm) nominal wall thickness
- **Blades:** 4" (102mm) deep, .081" (2.1mm) nominal wall thickness
- **Blade Spacing:** 5" (127mm) on center
- **Screen:** 1/2" x .063" flattened expanded bird screen and/or 18 x 14 mesh charcoal insect screen.
- **Finish:** Mill



OPTIONAL ACCESSORIES

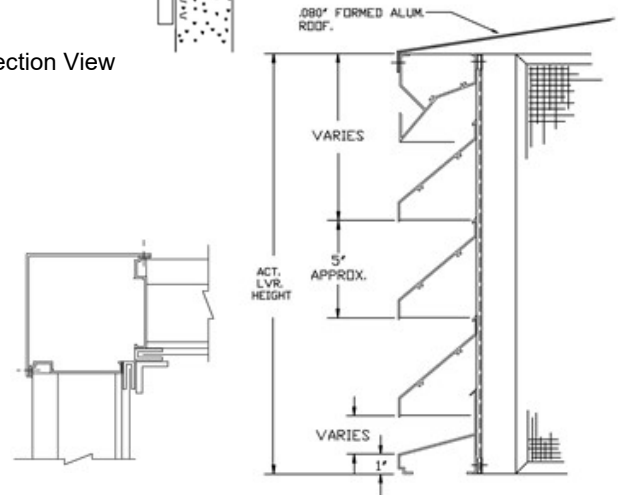
- Extended Sill Flashing
- Insulated and Non-insulated Blank-off Panels
- Flanged & Glazing Frames of various sizes
- Hinged Access Panels
- Sub-frames
- Visible Mullions
- Invisible Mullions for continuous blade appearance



Section View

FINISHES

- **2 coat Fluoropolymer:** Fluropon Pure® 70% PVDF (AAMA 2605)*
 - **3 coat Fluoropolymer:** Fluropon Pure® 70% PVDF (AAMA 2605)*
 - **Anodic finishes:** Class I & Class II, Clear & Bronze Spectrum
 - **Prime coat:** Recommended When Field Painting
- *Fluropon Pure® is Living Building Challenge Red List Free
*Custom Colors Available



Corner View

Vertical Section

Qty.	Size:		M.O. <input type="checkbox"/>	Mullion Type	No. of Sections	Notes
	Width	Height				
<input type="checkbox"/>	Sill flashing:			Project:		
<input type="checkbox"/>	Screen:			Location:		
<input type="checkbox"/>	Finish:			Architect:		
	Color:			Representative:		
<input type="checkbox"/>	Other:			Date:	Job #:	



MODEL 482XP w/450XP BLADES

SUGGESTED SPECIFICATIONS

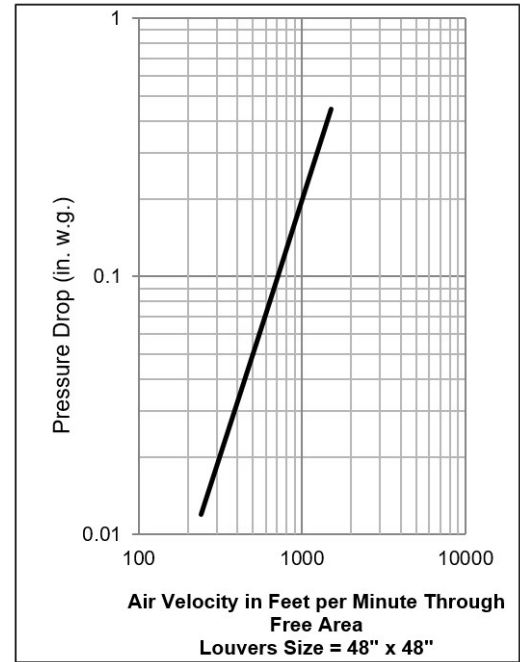
General: Furnish and install where indicated on drawings 4" (102mm) extruded aluminum penthouse Model 482XP as manufactured by Industrial Louvers, Inc., Delano, MN.

Material: Extruded aluminum frames and blades shall be one piece 6063-T6 alloy, designed to drain water to the exterior. 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. The roof shall be .080" aluminum sheet and be mounted on rafters made of 2" x 2" x 1/4" aluminum angles spaced 24" o.c. The roof shall be mechanically fastened for easy access to the interior. The underside of the roof shall be covered with a sound absorbing material.

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.) = 818 fpm
- Pressure drop @ 870 FPM velocity = .15" water
- Air volume @ 870 FPM free area velocity = 7090 CFM

Air Performance Chart



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	0.42	0.93	1.44	1.95	2.46	2.97
120	4.57	10.05	15.53	21.01	26.49	31.97
2743.2	0.39	0.85	1.32	1.78	2.25	2.71
108	4.17	9.17	14.17	19.17	24.17	29.17
2438.4	0.35	0.77	1.19	1.61	2.03	2.45
96	3.77	8.29	12.81	17.33	21.86	26.38
2133.6	0.29	0.65	1.00	1.35	1.71	2.06
84	3.17	6.97	10.78	14.58	18.38	22.19
1828.8	0.26	0.57	0.87	1.18	1.49	1.80
72	2.77	6.09	9.42	12.74	16.07	19.39
1524	0.20	0.44	0.69	0.93	1.17	1.41
60	2.17	4.78	7.38	9.99	12.59	15.20
1219.2	0.16	0.36	0.56	0.76	0.95	1.15
48	1.77	3.90	6.02	8.15	10.28	12.40
914.4	0.13	0.28	0.43	0.59	0.74	0.89
36	1.37	3.02	4.67	6.31	7.96	9.61
609.6	0.07	0.16	0.24	0.33	0.42	0.50
24	0.77	1.70	2.63	3.56	4.49	5.41
304.8	0.03	0.08	0.12	0.16	0.20	0.24
12	0.37	0.82	1.27	1.72	2.17	2.62
H/W	304.8	609.6	914.4	1219	1524	1829
	12	24	36	48	60	72

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