



# MODEL 413SXP

## STANDARD CONSTRUCTION

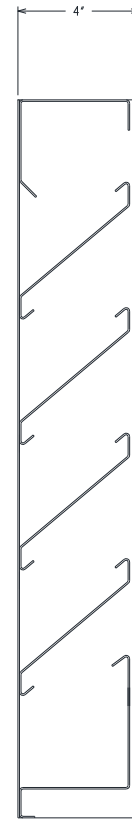
- **Material:** Galvanized steel sheet
- **Frame:** 4" (102mm) deep, 18ga. nominal wall thickness
- **Blades:** 4" (102mm) deep, 18ga. nominal wall thickness
- **Blade Spacing:** 5" (127mm) on center
- **Finish:** Mill

## OPTIONAL ACCESSORIES

- Screen: 1/2" mesh x 18ga. bird screen
- 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

## FINISHES

- **2 coat Fluoropolymer:** Kynar® 500 / Hylar® 5000 custom colors available in 70% PVDF (AAMA 2605) or 50% PVDF (AAMA 2604) formulas.
- **3 coat Fluoropolymer:** Kynar 500 / Hylar 5000 custom colors available in 70% PVDF (AAMA 2605) formulas.
- **Baked Enamel**
- **Prime coat**



Vertical Section

Qty.	Size:		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 #:	





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## SUGGESTED SPECIFICATIONS

**General:** Furnish and install where indicated on drawings 4" (102mm) Extra Performance Weather Resistant Louver Model 413SXP as manufactured by Industrial Louvers, Inc., Delano, MN.

**Material:** Formed galvanized steel frames and blades shall be one piece construction. Frame shall have a material thickness of 18 gauge. Fixed blades shall have a material thickness of 18 gauge. Frames and blades shall be joined by welding and/or riveting, and frame will be caulked to prevent water penetration to interior wall construction.

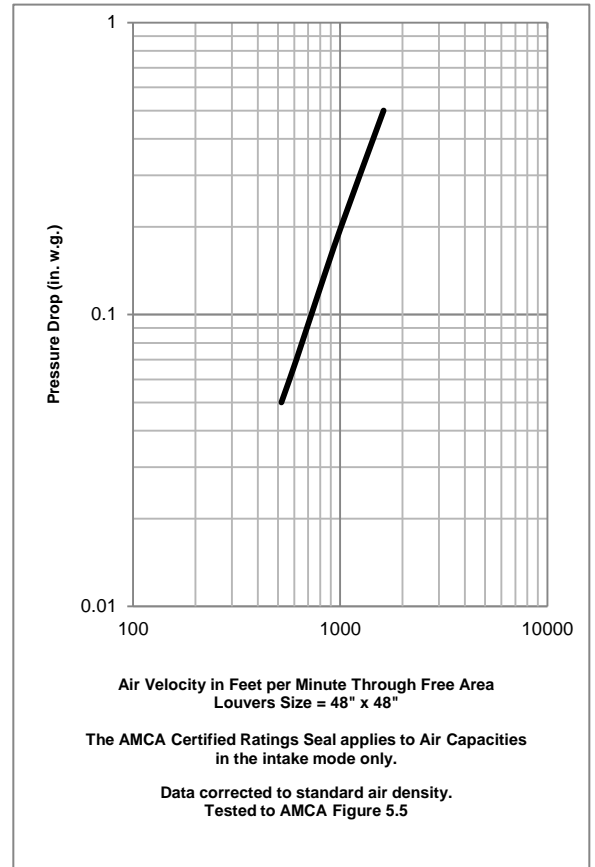
## Performance

- Free area (4' x 4' louver) = 8.11 sq. ft. (50.7%)
- Free area velocity at point of beginning water penetration (.01 oz/sq. ft.) = 614 fpm
- Pressure drop @ 894.3 FPM velocity = .15" water
- Air volume @ 894.3 FPM free area velocity = 7,252.77 CFM

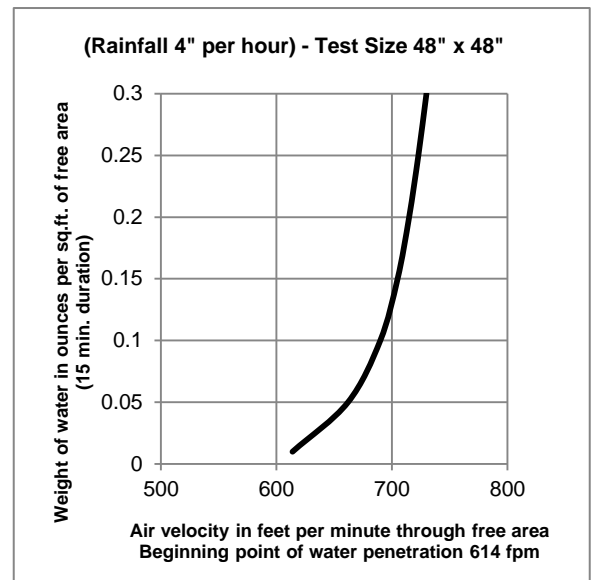
## Free Area

Square Feet (Square Meters)					
Free Area AMCA Licensed for openings up to 72" x 120"					
For free area data for larger openings, contact factory.					
2438.4	0.35	0.78	1.20	1.63	2.05
<b>96</b>	<b>3.81</b>	<b>8.37</b>	<b>12.94</b>	<b>17.51</b>	<b>22.08</b>
2133.6	0.31	0.68	1.05	1.42	1.79
<b>84</b>	<b>3.31</b>	<b>7.29</b>	<b>11.26</b>	<b>15.24</b>	<b>19.22</b>
1828.8	0.26	0.58	0.89	1.20	1.52
<b>72</b>	<b>2.82</b>	<b>6.20</b>	<b>9.59</b>	<b>12.97</b>	<b>16.35</b>
1524	0.22	0.48	0.73	0.99	1.25
<b>60</b>	<b>2.33</b>	<b>5.12</b>	<b>7.91</b>	<b>10.70</b>	<b>13.49</b>
1219.2	0.16	0.36	0.56	0.75	0.95
<b>48</b>	<b>1.77</b>	<b>3.88</b>	<b>6.00</b>	<b>8.11</b>	<b>10.24</b>
914.4	0.12	0.26	0.40	0.54	0.68
<b>36</b>	<b>1.27</b>	<b>2.80</b>	<b>4.32</b>	<b>5.85</b>	<b>7.37</b>
609.6	0.07	0.15	0.24	0.32	0.41
<b>24</b>	<b>0.75</b>	<b>1.65</b>	<b>2.55</b>	<b>3.45</b>	<b>4.36</b>
304.8	0.02	0.05	0.08	0.11	0.14
<b>12</b>	<b>0.26</b>	<b>0.57</b>	<b>0.87</b>	<b>1.18</b>	<b>1.49</b>
H/W	304.8	609.6	914.4	1219.2	1524
	<b>12</b>	<b>24</b>	<b>36</b>	<b>48</b>	<b>60</b>

## Air Performance Chart



## Water Penetration Chart



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