



# MODEL SP717

## STANDARD CONSTRUCTION

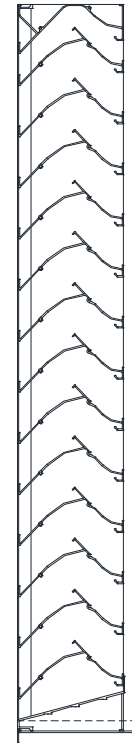
- **Material:** Extruded Aluminum 6063-T6
- **Frame:** 7" (177.8 mm) deep, .081" (2.1 mm) nominal wall thickness
- **Blades:** 7" (177.8 mm) deep, .081" (2.1 mm) nominal wall thickness
- **Blade Spacing:** 2" (51 mm) on center
- **Screen:** 1/2" x .063" flattened expanded bird screen and/or 18 x 14 mesh 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

## 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.
- **Anodic finishes:** Class I and Class II in Clear, Light/Medium/Dark Bronze, Champagne, and Black.
- **Prime coat**
- **Mill**



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 5" (127mm) Storm Performance Louver Model SP717 as manufactured by Industrial Louvers, Inc., Delano, MN.

**Material:** Extruded aluminum frames and blades shall be one piece 6063-T6 alloy, designed to collect and drain water to the exterior at the sill by means of integral gutters in the blades and jamb frames. 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) = 9.10 sq. ft. (56.9%)
- Free area velocity at point of beginning water penetration (.01 oz/sq. ft.) = 992.8 fpm
- Pressure drop @ 626.1 FPM velocity = .15" water
- Air volume @ 626.1 FPM free area velocity = 5,697.51 CFM

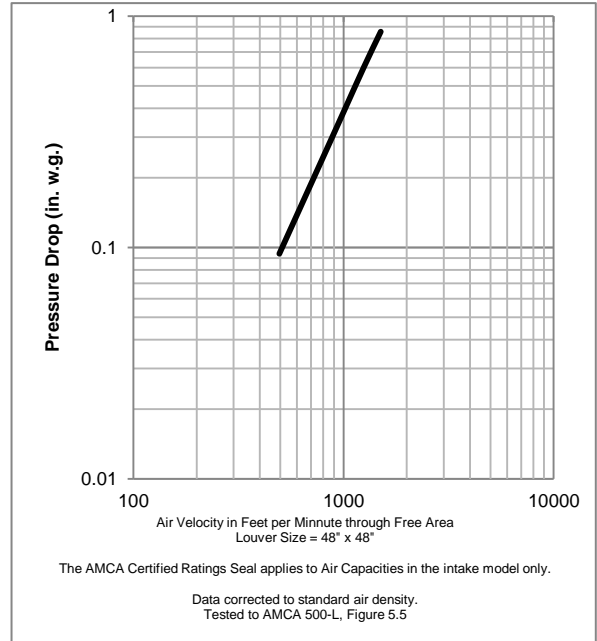
## Free Area

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	0.51	1.09	1.67	2.26	2.84	3.42
<b>120</b>	<b>5.48</b>	<b>11.75</b>	<b>18.02</b>	<b>24.29</b>	<b>30.55</b>	<b>36.82</b>
2743.2	0.45	0.96	1.47	1.99	2.50	3.01
<b>108</b>	<b>4.83</b>	<b>10.35</b>	<b>15.87</b>	<b>21.40</b>	<b>26.92</b>	<b>32.44</b>
2438.4	0.40	0.86	1.33	1.79	2.25	2.71
<b>96</b>	<b>4.34</b>	<b>9.30</b>	<b>14.26</b>	<b>19.23</b>	<b>24.19</b>	<b>29.15</b>
2133.6	0.34	0.73	1.13	1.52	1.91	2.30
<b>84</b>	<b>3.69</b>	<b>7.90</b>	<b>12.12</b>	<b>16.33</b>	<b>20.55</b>	<b>24.76</b>
1828.8	0.30	0.64	0.98	1.32	1.66	2.00
<b>72</b>	<b>3.20</b>	<b>6.85</b>	<b>10.51</b>	<b>14.17</b>	<b>17.82</b>	<b>21.48</b>
1524	0.24	0.51	0.78	1.05	1.32	1.59
<b>60</b>	<b>2.55</b>	<b>5.45</b>	<b>8.36</b>	<b>11.27</b>	<b>14.18</b>	<b>17.09</b>
1219.2	0.19	0.41	0.63	0.85	1.06	1.28
<b>48</b>	<b>2.06</b>	<b>4.41</b>	<b>6.75</b>	<b>9.10</b>	<b>11.45</b>	<b>13.80</b>
914.4	0.13	0.28	0.43	0.58	0.73	0.87
<b>36</b>	<b>1.40</b>	<b>3.01</b>	<b>4.61</b>	<b>6.21</b>	<b>7.82</b>	<b>9.42</b>
609.6	0.07	0.15	0.23	0.31	0.39	0.47
<b>24</b>	<b>0.75</b>	<b>1.61</b>	<b>2.46</b>	<b>3.32</b>	<b>4.18</b>	<b>5.03</b>
304.8	0.02	0.05	0.08	0.11	0.13	0.16
<b>12</b>	<b>0.26</b>	<b>0.56</b>	<b>0.85</b>	<b>1.15</b>	<b>1.45</b>	<b>1.74</b>
<b>H/W</b>	304.8	609.6	914.4	1219	1524	1829
	12	24	36	48	60	72

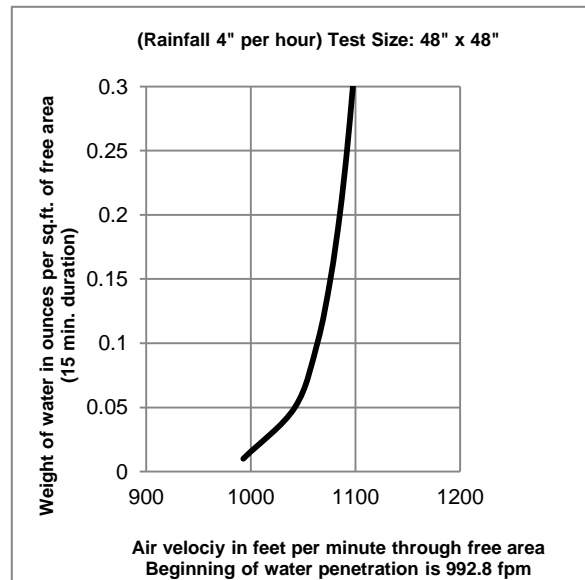


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## Air Performance Chart



## Water Penetration Chart



## Wind Driven Rain Chart

Ventilation Air Velocity (m/s)	Rainfall rate of 3" per hour (76 mm) and a wind velocity of 29 mph (47 kph).			Rainfall rate of 8" per hour (76 mm) and a wind velocity of 50 mph (47 kph).		
	Core Velocity (fpm)	Rating Effectiveness	Class	Core Velocity (fpm)	Rating Effectiveness	Class
0.0		100.0%	A		97.6%	B
0.5		100.0%	A	104	97.2%	B
1.0	193	99.3%	A	212	96.6%	B
1.5	285	99.3%	A	283	95.9%	B
2.0	375	99.2%	A	397	94.2%	C
2.5	466	98.8%	B	499	92.5%	C
3.0	584	97.4%	B	570	91.6%	C
3.5	692	93.4%	C	683	85.5%	C
Effectiveness Rating	A = 1 to 0.99	B = 0.989 to 0.95	C = 0.949 to 0.80	D = 0.80 to 0		

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