

MODEL SP537V

STANDARD CONSTRUCTION

- **Material:** Extruded Aluminum 6063-T6
- **Frame:** 5" (127 mm) Deep, 0.081" (2.1 mm) Wall Thickness
- **Blade:** 5" (127 mm) Deep, 0.063" (1.6 mm) Wall Thickness
- **Blade Spacing:** 1.25" (31.8 mm) On Center
- **Sill Flashing:** 0.063" (1.6 mm) Formed Aluminum W/ End Dams

OPTIONAL ACCESSORIES

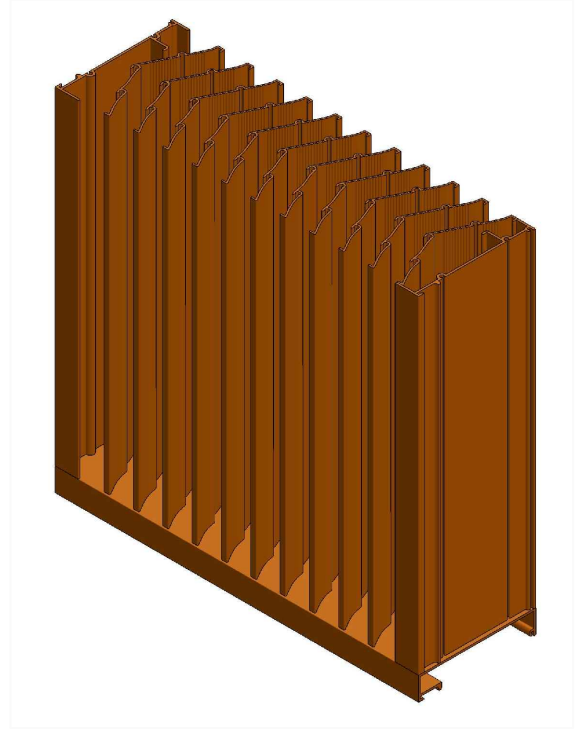
- Bird Screen - 1/2" x 0.063" Flattened Expanded Aluminum
- Insect Screen - 18 x 14 Mesh Charcoal Aluminum
- Extended Sill Flashing
- Insulated & Non-Insulated Blank Off Panels
- Hinged Access Panels

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

SUGGESTED SPECIFICATIONS

- **General:** Furnish and install where indicated on drawings
5" (127 mm) Storm Performance Louver Model SP537V 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. Frame shall have a material thickness of 0.081" (2.1 mm). Fixed blades shall have a material thickness of 0.063" (1.6 mm). Frames and blades shall be joined by stainless steel fasteners.



REV: AUGUST 2019



MODEL SP537V

PERFORMANCE

- Free Area = 10.30 ft² (64.3%)
 - Beginning of Water Penetration = TBD
 - Air Flow @ ΔP of 0.15" Water = TBD
- *All Ratings Based on 48" x 48" Test Specimen
 *Ratings Include the Effect of a Sill Pan

FREE AREA (ft²)

Louver Height	120 in	5.28	12.41	19.30	26.43	33.32	40.21
	108 in	4.75	11.14	17.33	23.74	29.93	36.12
	96 in	4.21	9.88	15.37	21.05	26.54	32.03
	84 in	3.67	8.62	13.41	18.37	23.15	27.94
	72 in	3.13	7.36	11.45	15.68	19.76	23.85
	60 in	2.60	6.10	9.49	12.99	16.38	19.76
	48 in	2.06	4.84	7.52	10.30	12.99	15.67
	36 in	1.52	3.57	5.56	7.61	9.60	11.58
	24 in	0.99	2.31	3.60	4.93	6.21	7.50
	12 in	0.45	1.05	1.64	2.24	2.82	3.41
Louver Width	12 in	24 in	36 in	48 in	60 in	72 in	

AIR PERFORMANCE

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- Effects of blade stiffeners or additional bracing has not been considered.
- Effects of screen or other accessories has not been considered.
- Contact Industrial Louvers for free area of other sizes.
- 1 in = 25.4 mm
- 10.76 ft² = 1 m²

WIND DRIVEN RAIN

		Ventilation Air Velocity	0.0 m/s	0.5 m/s	1.0 m/s	1.5 m/s	2.0 m/s	2.5 m/s	3.0 m/s	3.5 m/s
Rainfall Rate: 3 in/hr Wind Velocity: 29 mph	Core Velocity									
	Effectiveness									
	Penetration Class									
Rainfall Rate: 8 in/hr Wind Velocity: 50 mph	Core Velocity									
	Effectiveness									
	Penetration Class									

■ Discharge Loss Coefficient = TBD

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OPTIONAL ACCESSORIES - Mark All Required Options

- Bird Screen - 1/2" x 0.063" Flattened Expanded Aluminum
- Insect Screen - 18 x 14 Mesh Charcoal Aluminum
- Extended Sill Flashing
- Insulated & Non-Insulated Blank Off Panels
- Hinged Access Panels

FINISHES - Select One

- **2-Coat Fluoropolymer:** Fluoron Pure® 70% PVDF (AAMA 2605)*
 - **3-Coat Fluoropolymer:** Fluoron Pure® 70% PVDF (AAMA 2605)*
 - **Anodic Finishes:** Class I & Class II, Clear & Bronze Spectrum
 - **Prime Coat:** Recommended When Field Painting
 - **Mill Finish:** Bare Aluminum
- *Fluoron Pure® is Living Building Challenge Red List Free
*Custom Colors Available

Mark	Qty	Circle One: Louver Size / Rough Opening		Mullion Type (IVM or VVM)	Num. of Sections	Notes
		Width	Height			

Please complete table above for quotation or immediate release to production.
Indicate any required optional accessories and finishes listed above.

