



# FLORIDA BUILDING CODE & MIAMI-DADE APPROVED STORM CLASS™ LOUVER

# LOUVER TYPE SCC901MD

Florida Product Approval No.: 19685  
 Miami-Dade, FL NOA No.: 19-0516.12, EXP. 7/28/2021  
 AMCA 540 and 550 Listed  
 Maximum Wind-Load: +/-130 PSF

Louver Type	SCC901MD
Material	Extruded Aluminum (Alloy 6063-T5)
Front Blade	0.081 in. (2.06 mm)
Back Blade	0.060 in. (1.52 mm)
Frame	0.081 in. (2.06 mm)
Louver Depth	9.25 in. (235.3 mm)
Free Area – 4 ft. x 4 ft. Unit	8.66 sq. ft. (0.80 m <sup>2</sup> )
Percent Free Area	54.1%

**Free Area Velocity at Beginning Point of Water Penetration – 0.01 oz H<sub>2</sub>O/sq. ft. Free Area** ..... 974 fpm (4.95 m/s)

**Air Volume Flow Rate at Beginning Point of Water Penetration – 4 ft. x 4 ft. Unit** ..... 8,435 cfm (3.98 m<sup>3</sup>/s)

**Pressure Drop at Beginning Point of Water Penetration** ..... 0.32 in. H<sub>2</sub>O (0.080 kPa)

### Wind-Driven Rain Water Penetration Data

Exterior Wind Velocity	29 mph (13 m/s)
Rainfall Rate	3 in. (75 mm)/hour
Effectiveness	100.0%
Core Ventilation Rate	863 fpm (4.4 m/s)
Exterior Wind Velocity	50 mph (22 m/s)
Rainfall Rate	8 in. (200 mm)/hour
Effectiveness	99.2%
Core Ventilation Rate	877 fpm (4.5 m/s)

Note: AMCA performance above is for visible jambs only. See pages 5, 6 & 7 for complete performance data.

## RECOMMENDED SPECIFICATION

### GENERAL

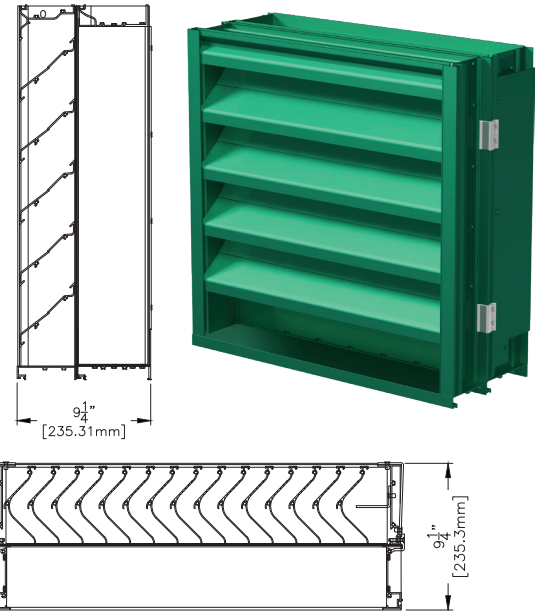
Furnish and install where indicated on plans or described in schedules Storm Class™ Louver Type SCC901MD as designed and manufactured by The Airlite Company LLC, Schofield, Wisconsin. Louvers shall be furnished with bird screen, insect screen, supports, installation hardware and finishes as specified and as required for a complete installation.

### SUBMITTALS

Manufacturer shall submit shop drawings incorporating key plans, elevations, sections and details showing profiles, angles and spacing of louver blades and frames; unit dimensions related to wall openings and construction; and, anchorage details and locations. For each type of product specified, submit free areas, air performance, water penetration and wind driven rain ratings determined in accordance with AMCA Standard 500-L and licensed under the AMCA Certified Ratings Program, as well as tested in accordance with AMCA 540 Test Method for Louvers Impacted by Wind Borne Debris and AMCA 550 Test Method for High Velocity Wind Driven Rain. Include Florida Product Approval or Miami-Dade Notice of Acceptance to demonstrate compliance with applicable building code. Provide samples of manufacturer's finish and color charts showing the full range of colors available.

### PRODUCTS

Louvers shall be Storm Class™ type and rated to resist water penetration under wind-driven rain conditions. Louvers shall be 9.25-inches (235.3 mm) deep and assembled from extruded aluminum components. Exterior blades and frames shall be 0.081-inch (2 mm) thick



extruded aluminum, alloy 6063-T5. Interior blades shall be 0.060-inch (1.5 mm) extruded aluminum, alloy 6063-T5. Exterior blades shall be horizontal and spaced 4.25-inches (108.0 mm) on center.

### STRUCTURAL DESIGN CRITERIA

Louvers shall be tested in accordance with Florida protocols TAS 201, TAS 202 and TAS 203. Maximum actual single section size shall be limited to 60-inch W x 120-inch H. Louvers must be installed in accordance with the manufacturer's published installation instructions. Multi-wide assemblies shall be permitted without any additional reinforcing provided the rough opening height is 120 3/4-inch or less. Multi-high assemblies shall be permitted provided suitable loading bearing structure is provided (not by louver manufacturer) at each louver section(s) head and sill condition so that the louver section(s) may be installed in accordance with the manufacturer's published installation instructions. Structural reinforcing members along with any associated installation hardware is not provided by Airlite unless indicated otherwise by Airlite. Options and are not subject to structural analysis unless indicated otherwise by Airlite.

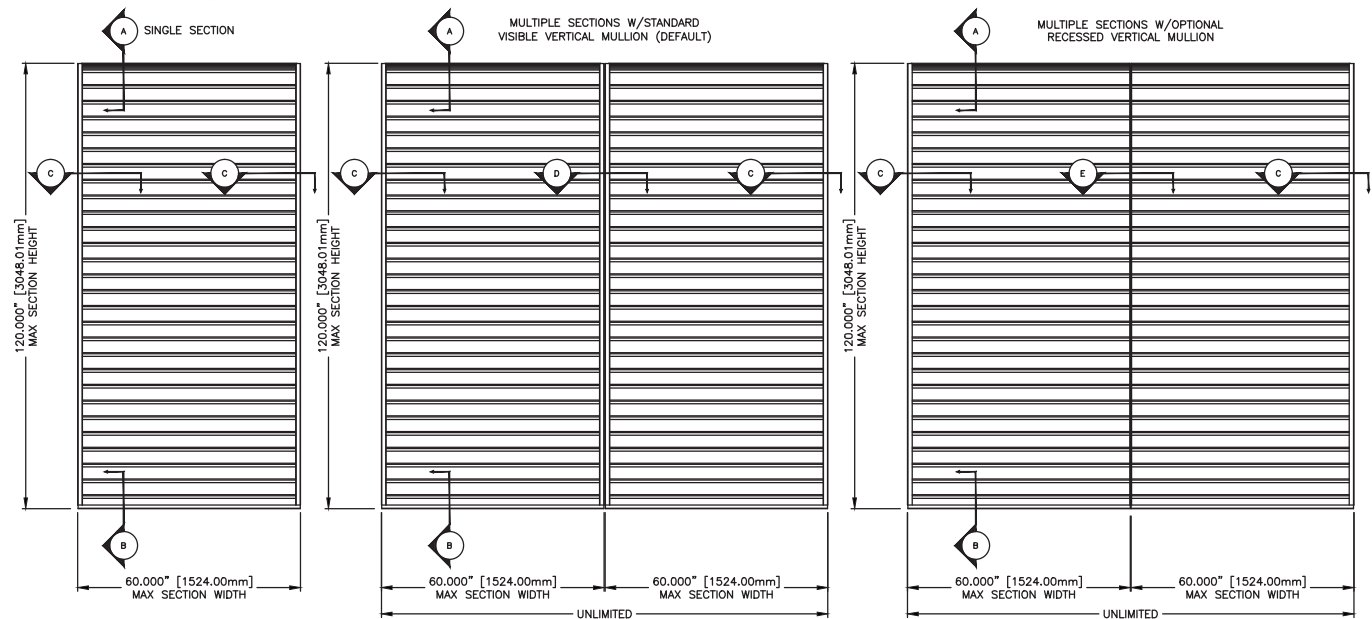
### PERFORMANCE RATINGS

FREE AREA:	8.66 sq. ft. (0.80 m <sup>2</sup> )
MINIMUM FREE AREA VELOCITY at Beginning Point of Water Penetration:	974 fpm (4.95 m/s)
MINIMUM AIR VOLUME FLOW RATE at Beginning Point of Water Penetration:	8,435 cfm (3.98 m <sup>3</sup> /s)
MAXIMUM STATIC PRESSURE at Beginning Point of Water Penetration:	0.32 in. H <sub>2</sub> O (0.080 kPa)

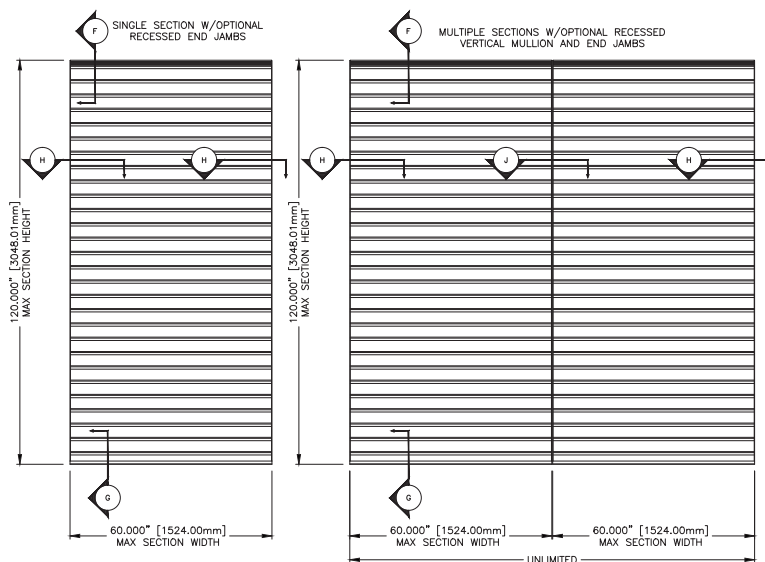
# LOUVER TYPE SCC901MD PRODUCT DESCRIPTION & DETAILS

Airolite Storm Class™ combination louvers are designed and rated to provide high volume intake and exhaust ventilation and the greatest level of protection against water penetration available even under the most severe wind-driven rain conditions. Airolite Storm Class™ Combination louvers incorporate exterior and interior louver modules that afford the designer optimum flexibility in aesthetic, economic and performance considerations. The exterior module allows the designer to present a wide range of conventional to non-traditional appearances. The interior module incorporates a highly efficient vertical blade profile that yields high ventilation rates and presents a formidable barrier to water penetration. Louver Type SCC901MD is a 9.25-inch (235.3 mm) deep louver rated to be 99.2% effective at a core area velocity of 877 fpm (4.5 m/s) when tested at a wind velocity of 50 mph (22 m/s) and 8-inch per hour rainfall rate. Airolite Storm Class™ Louver Type SCC901MD is a highly effective louver with AMCA Licensed Air Performance, Water Penetration and Wind Driven Rain performance ratings as well as tested in accordance with AMCA 540 Test Method for Louvers Impacted by Wind Borne Debris and AMCA 550 Test Method for High Velocity Wind Driven Rain that enables designers to select and specify this product with confidence. Please contact your local Airolite representative or the factory for assistance with the layout and design of support systems when required.

## VISIBLE END JAMBS



## RECESSED END JAMBS (optional)



### Minimum Actual Section Size:

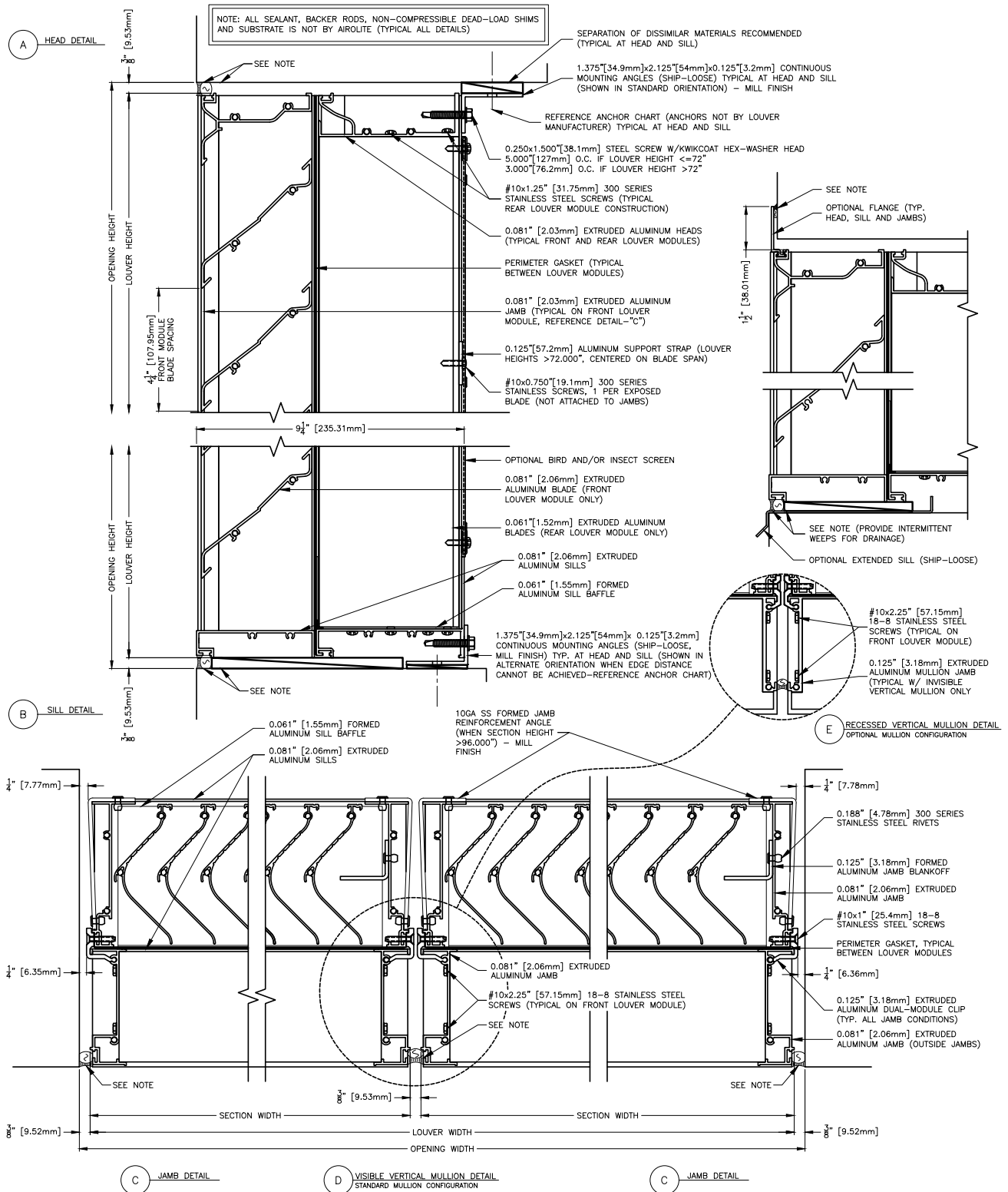
12 in. (30 cm) W x 12 in. (30 cm) H

### Maximum Actual Section Size:

60 in. (152 cm) W x 120 in. (305 cm) H

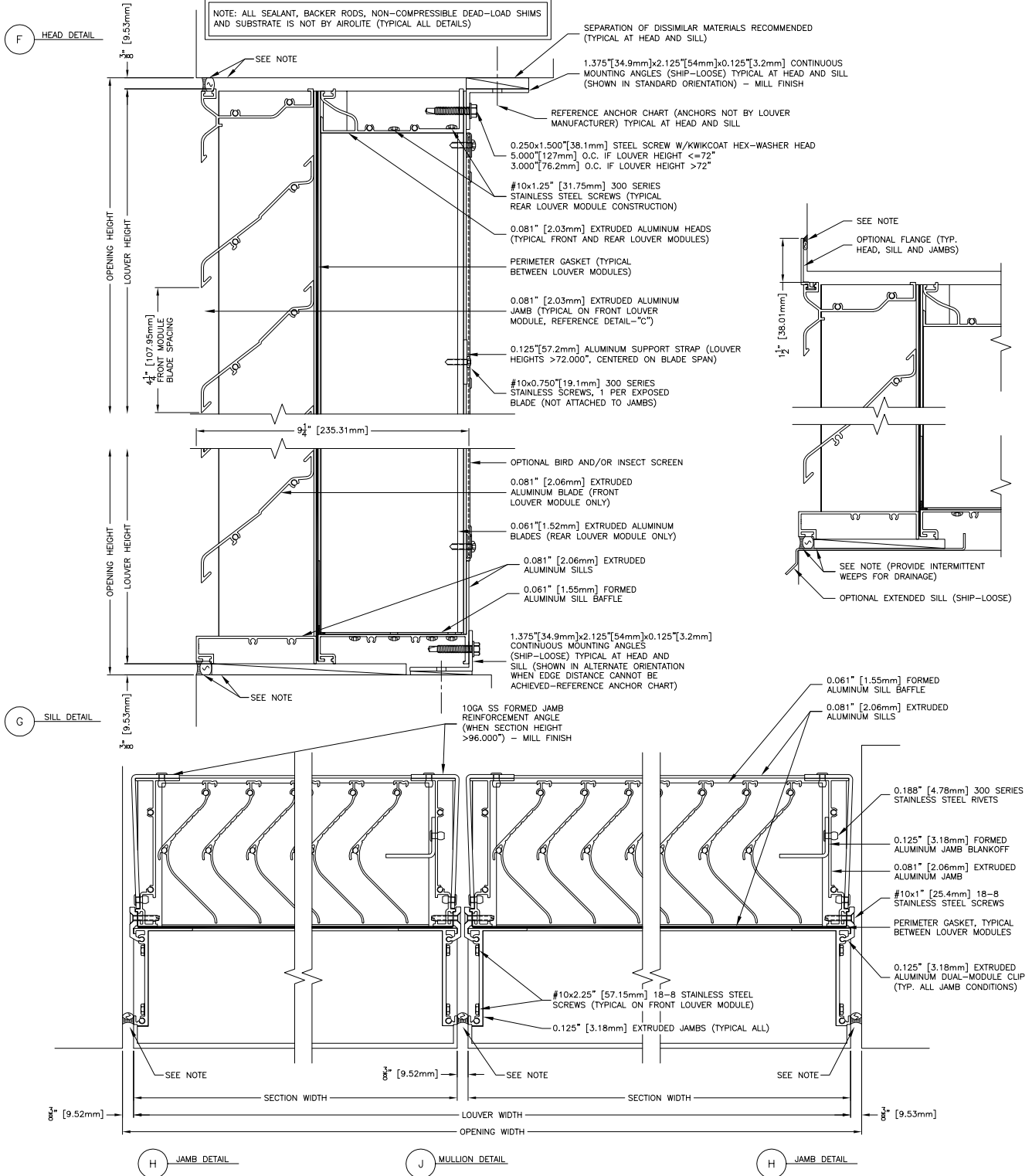
# LOUVER TYPE SCC901MD PRODUCT DETAILS

## VISIBLE JAMB



# LOUVER TYPE SCC901MD PRODUCT DETAILS

## RECESSED JAMB (optional)



# LOUVER TYPE SCC901MD FASTENER CHART

ITEM 26, SUBSTRATE			ITEM 25, SUBSTRATE FASTENER FOR CONTINUOUS MOUNTING ANGLE, PRIMARY								
TYPE	MATERIAL MIN.	THICKNESS MIN.	DIA.	TYPE (ALL FASTENERS ARE HEX HEAD STYLE)	MAT'L	SPACING MAX.	EDGE MIN.	EMBED. MIN.	WASHER/FLANGE MIN.	ANGLE HOLE MAX.	SUBSTRATE HOLE MAX.
WOOD	G ≥ 0.42	3	1/4 3/8	LAG SCREW	*	3 6	1 1/2	2 7/8	NA 13/16 AT HEAD	1/4 3/8	SEE FASTENER MANUFACTURER INSTRUCTIONS
STEEL	A36	16 GA	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	3/4	16 GA	NA	5/16	5/16 FOR BOLT & NUT CONNECTION
	A36	14 GA	3/8-16			6	1	14 GA		13/32	3/8 FOR BOLT & NUT CONNECTION
ALUMINUM	6063-T5	1/8 0.132	1/4-20 3/8-16	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3 6	1/2 3/4	1/8 0.132	NA 3/4 AT NUT	5/16 13/32	1/4 3/8
CONCRETE	2 KSI	NOTE 4	1/4	BUILDEX TAPCON (BLUE, WHITE, OR 410 SS)	VARIES	3	2 3/8	1 1/2	NA	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS
	3 KSI			BUILDEX TAPCON (BLUE, WHITE, OR 410 SS)	VARIES		1 1/2	1 3/4		1/4	
	2.3 KSI			ELCO AGGRE-GATOR	300 SS		1 1/2	1 3/8		1/4	
	2.9 KSI			ELCO ULTRACON SS4	410 SS		2 1/2	1 3/4		1/4	
	3.4 KSI			ELCO CRETE-FLEX SS4, SMALL HEAD	410 SS		2 1/2	1 3/4		1/4	
	3.4 KSI			ELCO CRETE-FLEX SS4, FLANGED HEAD	410 SS		2 1/2	1 3/4		1/4	
	2.5 KSI			POWERS 316 STAINLESS STEEL WEDGE-BOLT	316 SS		2	1 7/8		5/16	
	2 KSI			POWERS WEDGE-BOLT PLUS	STEEL		1 1/2	1 1/2		5/16	
	2.5 KSI			POWERS 316 STAINLESS STEEL WEDGE-BOLT	316 SS		1 1/4	2 3/8		7/16	
	2 KSI			POWERS WEDGE-BOLT PLUS	STEEL		1 1/8	1 1/2		7/16	
2.5 KSI	CRACKED OR UNCRACKED, POWERS WEDGE-BOLT PLUS	STEEL	1 3/4	2 1/8	7/16						
GROUT FILLED CMU	NOTE 1	NOTE 3	1/4	ELCO AGGRE-GATOR	300 SS	3	2	2	NA	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS
	NOTE 2			ELCO ULTRACON SS4	410 SS		2 1/2	2		1/4	
	NOTE 3			POWERS WEDGE-BOLT PLUS	STEEL		6	2		2 1/2	

ITEM 26, SUBSTRATE			ITEM 33, SECONDARY CONTINUOUS MOUNTING ANGLE SUBSTRATE FASTENER								
TYPE	MATERIAL MIN.	THICKNESS MIN.	DIA.	TYPE (ALL FASTENERS ARE HEX HEAD STYLE)	MAT'L	SPACING MAX.	EDGE MIN.	EMBED. MIN.	WASHER/FLANGE MIN.	ANGLE HOLE MAX.	SUBSTRATE HOLE MAX.
WOOD	G ≥ 0.42	3	1/4	LAG SCREW	*	3	1 1/2	2 7/8	NA	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS
STEEL	A36	0.0677	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	3/4	0.0677	NA	1/4	1/4 FOR BOLT & NUT CONNECTION
ALUMINUM	6063-T5 6005-T5 6061-T6	0.138 1/8	1/4-20	BOLT W/ NUT OR THREAD CUTTING/TAPPING SCREW	*	3	1/2	0.138 1/8	0.6 AT NUT NA	1/4	1/4 FOR BOLT & NUT CONNECTION
CONCRETE	2 KSI	NOTE 4	1/4	BUILDEX TAPCON (BLUE, WHITE, OR 410 SS)	VARIES	3	1 1/2	1 3/4	NA	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS
	2.9 KSI			ELCO ULTRACON SS4	410 SS		1	1 3/4		1/4	
	3.4 KSI			ELCO CRETE-FLEX SS4, SMALL OR LARGE HEAD	410 SS		1	1 3/4		1/4	
	4 KSI			POWERS 316 STAINLESS STEEL WEDGE-BOLT	316 SS		1 3/4	1 7/8		5/16	
	2 KSI			POWERS WEDGE-BOLT PLUS	STEEL		2	1 1/2		5/16	
GROUT FILLED CMU	NOTE 1	1/4	1/4	ELCO AGGRE-GATOR	300 SS	3	2	2	NA	1/4	SEE FASTENER MANUFACTURER INSTRUCTIONS

NOTE \*: LAG SCREWS SHALL HAVE STRENGTHS OF MINIMUM GRADE 1 STEEL, OTHER BOLT AND SCREWS SHALL HAVE STRENGTHS OF MINIMUM GRADE 2 STEEL.

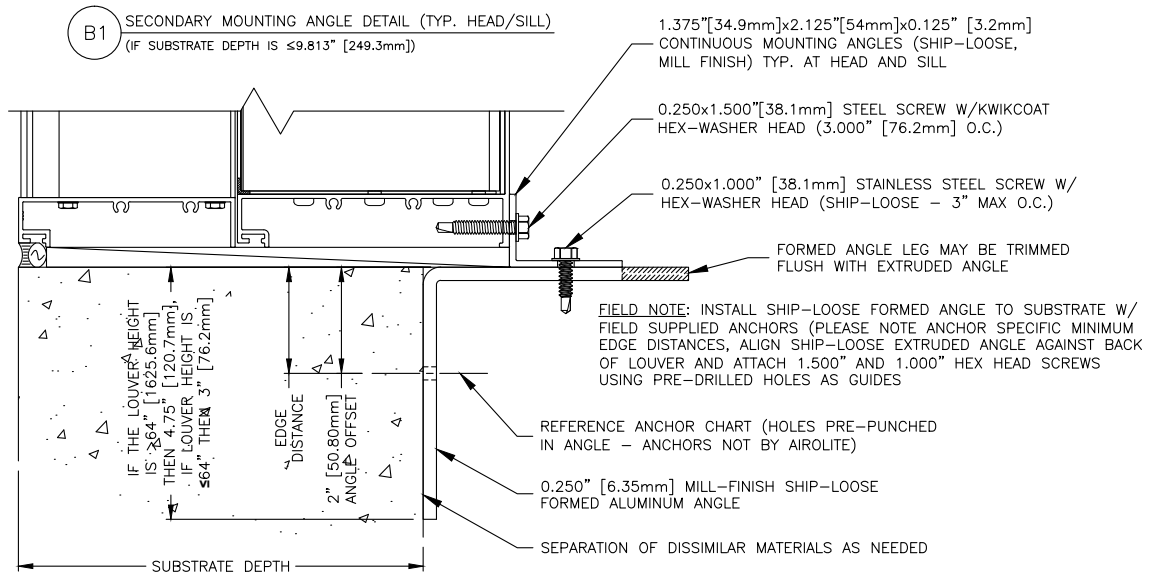
NOTE 1: CONCRETE MASONRY (CMU) SHALL BE > THE FOLLOWING; 6" WIDE, CMU CONFORMING TO ASTM C-90 FILLED WITH 4,747 KSI GROUT.

NOTE 2: CONCRETE MASONRY (CMU) SHALL BE > THE FOLLOWING; 6" WIDE, 2 KSI CMU CONFORMING TO ASTM C-90 WITH 1624 KSI GROUT.

NOTE 3: CONCRETE MASONRY (CMU) SHALL BE > THE FOLLOWING; 6" WIDE, GRADE N, TYPE II, LIGHT-WEIGHT/MEDIUM-WEIGHT/NORMAL-WEIGHT CMU CONFORMING TO ASTM C-90. MORTAR MUST BE TYPE N.

NOTE 4: VARIES WITH SIZE OF FASTENER USED, SEE FASTENER MANUFACTURER'S INSTRUCTIONS.

SS = STAINLESS STEEL

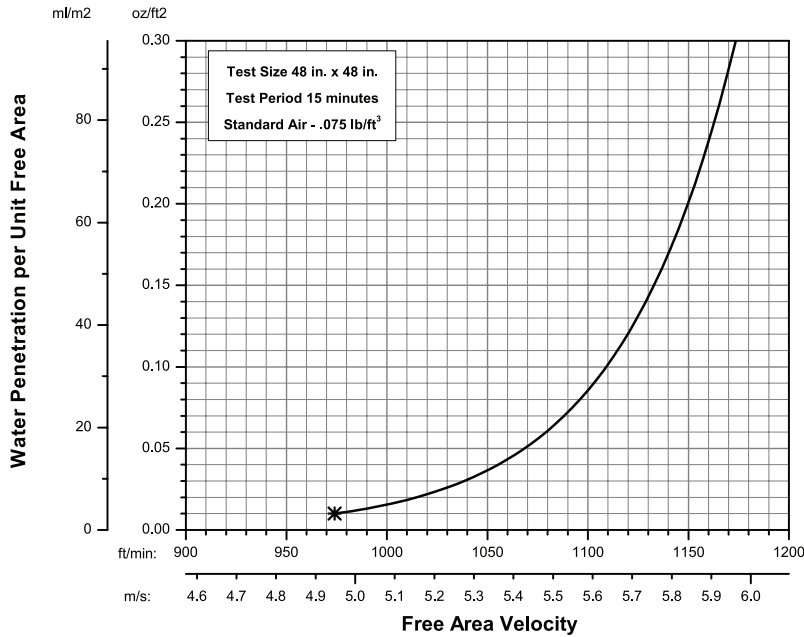


# LOUVER TYPE SCC901MD PERFORMANCE RATINGS

## VISIBLE JAMB

### WATER PENETRATION

(Standard Air - .075 lb./ft.<sup>3</sup>; Test Size - 48 in. x 48 in.; Test Duration - 15 min.)



The AMCA Water Penetration Test provides a method for comparing various louver models and designs as to their efficiency in resisting the penetration of rainfall under specific laboratory test conditions. The beginning point of water penetration is defined as that velocity where the water penetration curve projects through 0.01 oz. of water (penetration) per sq. ft. of louver free area. These performance ratings do not guarantee a louver to be weather-proof or stormproof and should be used in combination with other factors including good engineering judgement in selecting louvers. **\*The beginning point of water penetration for Model SCC901MD is 974 fpm (4.95 m/s) free area velocity.**

### WIND-DRIVEN RAIN PERFORMANCE

75mm/h (3 in/hr) Rainfall & 13 m/s (29 mph) Wind Velocity				200mm/h (8 in/hr) Rainfall & 22 m/s (50 mph) Wind Velocity			
Ventilation Air Core Velocity m/s (fpm)	Ventilation Air Free Area Velocity m/s (fpm)	Water Penetration Effectiveness %	Water Penetration Classification	Ventilation Air Core Velocity m/s (fpm)	Ventilation Air Free Area Velocity m/s (fpm)	Water Penetration Effectiveness %	Water Penetration Classification
0.0 (0)	0.0 (0)		A	0.0 (0)	0.0 (0)		A
0.5 (98)	0.8 (167)		A	0.5 (98)	0.8 (167)		A
1.0 (197)	1.7 (337)		A	1.0 (197)	1.7 (337)		A
1.5 (295)	2.6 (504)		A	1.5 (295)	2.6 (504)		A
2.0 (394)	3.4 (673)		A	2.0 (394)	3.4 (673)		A
2.5 (492)	4.3 (841)		A	2.5 (492)	4.3 (841)		A
3.0 (591)	5.1 (1010)		A	3.0 (591)	5.1 (1010)		A
3.5 (689)	6.0 (1178)		A	3.4 (664)	5.8 (1135)	99.8	A
4.0 (787)	6.8 (1345)		A	3.9 (771)	6.7 (1318)	99.6	A
4.4 (863)	7.5 (1475)	100.0	A	4.5 (877)	7.6 (1499)	99.2	A
5.0 (980)	8.5 (1675)	98.5	B	4.9 (964)	8.4 (1648)	98.5	B

Discharge Loss Coefficient Class (Intake) = 3

Weather louvers shall be classified by their ability to reject simulated rain. The table to the right shows different classifications based on the maximum simulated rain penetration per square meter (square feet) of louver. Water penetration rating at a given louver face velocity is determined by the water penetration while the louver is subjected to a selected simulated rainfall rate and wind velocity.

Discharge Loss Coefficient Classifications	
Class	Discharge Loss Coefficient
1	0.4 and Above
2	0.3 to 0.399
3	0.2 to 0.299
4	0.199 and Below

Wind-driven Rain Penetration Classes	
Class	Effectiveness
A	1 to 0.99
B	0.989 to 0.95
C	0.949 to 0.80
D	Below 0.80

The Airlite Company, LLC certifies that Louver Type SCC901MD shown herein 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 Water Penetration, Air Performance and Wind-driven Rain.



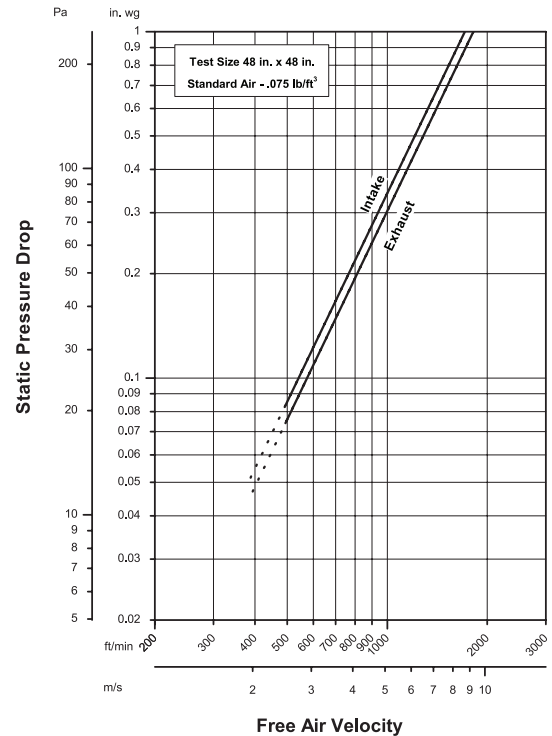
HIGH VELOCITY RAIN RESISTANT WITH BLADES FULLY OPEN AND IMPACT RESISTANT LOUVER  
*Enhanced Protection Level E*  
See www.AMCA.org for all certified or listed products

The Airlite Company, LLC certifies that Louver Type SCC901MD shown herein is approved to bear the AMCA Listing Label. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications and comply with the requirements of the AMCA Listing Label Program. The AMCA Listing Label applies to Wind Borne Debris Impact Resistant Louvers and High Velocity Rain Resistant Louvers.

This label does not signify AMCA airflow performance certification.

### AIRFLOW RESISTANCE

(Standard Air - .075 lb./ft.<sup>3</sup>)



Louver Type SCC901MD resistance to airflow varies depending on louver application (air intake or air exhaust). Free area velocities (shown) are higher than the average velocity through the overall louver size. (Test Figure 5.5-6.5)

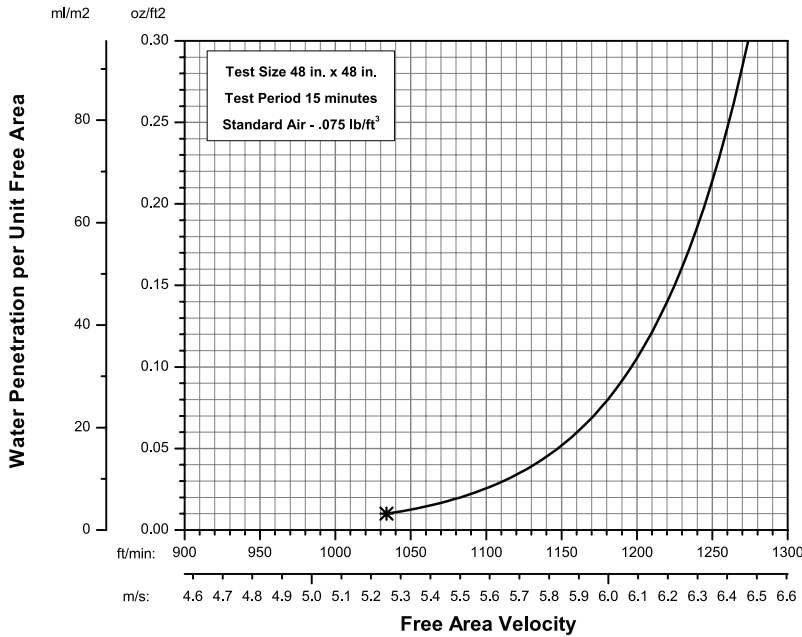


# LOUVER TYPE SCC901MD PERFORMANCE RATINGS

## RECESSED JAMB (optional)

### WATER PENETRATION

(Standard Air - .075 lb./ft.<sup>3</sup>; Test Size - 48 in. x 48 in.; Test Duration - 15 min.)



The AMCA Water Penetration Test provides a method for comparing various louver models and designs as to their efficiency in resisting the penetration of rainfall under specific laboratory test conditions. The beginning point of water penetration is defined as that velocity where the water penetration curve projects through 0.01 oz. of water (penetration) per sq. ft. of louver free area. These performance ratings do not guarantee a louver to be weather-proof or stormproof and should be used in combination with other factors including good engineering judgement in selecting louvers. **\*The beginning point of water penetration for Model SCC901MD (recessed jamb) is 1,034 fpm (5.25 m/s) free area velocity.**

### WIND-DRIVEN RAIN PERFORMANCE

75mm/h (3 in/hr) Rainfall & 13 m/s (29 mph) Wind Velocity				200mm/h (8 in/hr) Rainfall & 22 m/s (50 mph) Wind Velocity			
Ventilation Air Core Velocity m/s (fpm)	Ventilation Air Free Area Velocity m/s (fpm)	Water Penetration Effectiveness %	Water Penetration Classification	Ventilation Air Core Velocity m/s (fpm)	Ventilation Air Free Area Velocity m/s (fpm)	Water Penetration Effectiveness %	Water Penetration Classification
0.0 (0)	0.0 (0)		A	0.0 (0)	0.0 (0)		A
0.5 (98)	0.9 (174)		A	0.5 (98)	0.9 (174)		A
1.0 (197)	1.8 (350)		A	1.0 (197)	1.8 (350)		A
1.5 (295)	2.7 (525)		A	1.5 (295)	2.7 (525)		A
2.0 (394)	3.6 (701)		A	2.0 (394)	3.6 (701)		A
2.5 (492)	4.4 (875)		A	2.5 (492)	4.4 (875)		A
3.0 (591)	5.3 (1051)		A	3.0 (591)	5.3 (1051)		A
3.5 (689)	6.2 (1226)		A	3.5 (685)	6.2 (1219)	99.8	A
3.7 (773)	7.0 (1375)	100.0	A	4.0 (782)	7.1 (1391)	99.6	A
4.4 (869)	7.9 (1546)	99.7	A	4.5 (876)	7.9 (1559)	99.2	A
5.0 (981)	8.9 (1745)	97.8	B	5.0 (976)	8.8 (1736)	95.0	B

Discharge Loss Coefficient Class (Intake) = 3

Weather louvers shall be classified by their ability to reject simulated rain. The table to the right shows different classifications based on the maximum simulated rain penetration per square meter (square feet) of louver. Water penetration rating at a given louver face velocity is determined by the water penetration while the louver is subjected to a selected simulated rainfall rate and wind velocity.

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Class	Effectiveness
A	1 to 0.99
B	0.989 to 0.95
C	0.949 to 0.80
D	Below 0.80

The Airolite Company, LLC certifies that Louver Type SCC901MD (recessed jamb) shown herein 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 Water Penetration, Air Performance and Wind-driven Rain.

**HIGH VELOCITY RAIN RESISTANT WITH BLADES FULLY OPEN AND IMPACT RESISTANT LOUVER**  
*Enhanced Protection Level E*

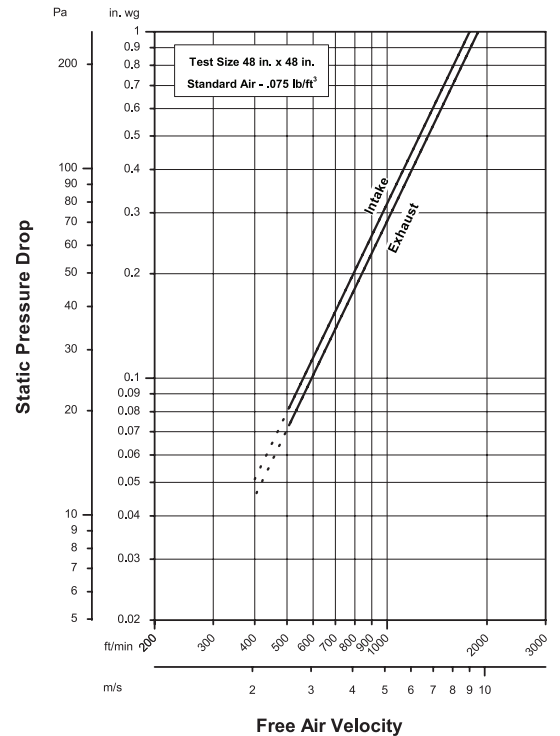
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This label does not signify AMCA airflow performance certification.

### AIRFLOW RESISTANCE

(Standard Air - .075 lb./ft.<sup>3</sup>)



Louver Type SCC901MD (recessed jamb) resistance to airflow varies depending on louver application (air intake or air exhaust). Free area velocities (shown) are higher than the average velocity through the overall louver size. (Test Figure 5.5-6.5)

# LOUVER TYPE SCC901MD PERFORMANCE RATINGS

## FREE AREA CHART - Visible Jamb *(In Square Feet)*

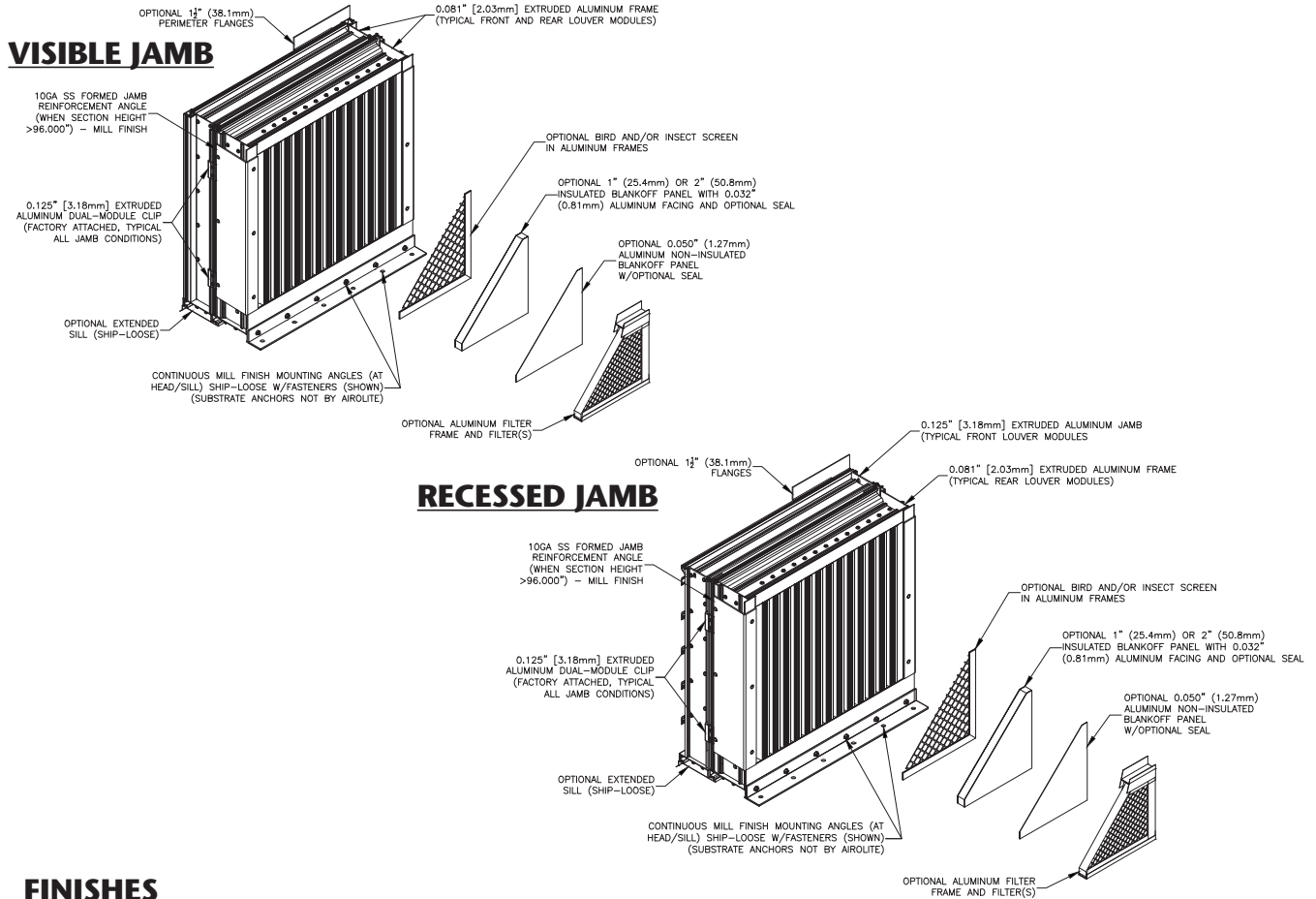
Louver Height Inches	Louver Width in Inches								
	12	18	24	30	36	42	<b>48</b>	54	60
12	0.24	0.44	0.63	0.83	1.02	1.22	1.41	1.60	1.80
18	0.45	0.81	1.17	1.53	1.89	2.26	2.62	2.98	3.34
24	0.66	1.18	1.71	2.24	2.77	3.30	3.83	4.35	4.88
30	0.86	1.56	2.25	2.95	3.64	4.34	5.03	5.73	6.43
36	1.07	1.93	2.79	3.66	4.52	5.38	6.24	7.11	7.97
42	1.28	2.31	3.33	4.36	5.39	6.42	7.45	8.48	9.51
<b>48</b>	1.48	2.68	3.88	5.07	6.27	7.46	<b>8.66</b>	9.86	11.05
54	1.69	3.05	4.42	5.78	7.14	8.51	9.87	11.23	12.59
60	1.90	3.43	4.96	6.49	8.02	9.55	11.08	12.61	14.14
66	2.10	3.80	5.50	7.19	8.89	10.59	12.29	13.98	15.68
72	2.31	4.18	6.04	7.90	9.77	11.63	13.49	15.36	17.22
78	2.47	4.46	6.44	8.43	10.42	12.41	14.40	16.39	18.38
84	2.67	4.83	6.99	9.14	11.30	13.45	15.61	17.76	19.92
90	2.88	5.20	7.53	9.85	12.17	14.49	16.82	19.14	21.46
96	3.09	5.58	8.07	10.56	13.05	15.54	18.02	20.51	23.00
102	3.30	5.95	8.61	11.26	13.92	16.58	19.23	21.89	24.55
108	3.50	6.33	9.15	11.97	14.80	17.62	20.44	23.26	26.09
114	3.71	6.70	9.69	12.68	15.67	18.66	21.65	24.64	27.63
120	3.92	7.07	10.23	13.39	16.54	19.70	22.86	26.02	29.17

## FREE AREA CHART - Recessed Jamb *(In Square Feet)*

Louver Height Inches	Louver Width in Inches								
	12	18	24	30	36	42	<b>48</b>	54	60
12	0.33	0.58	0.83	1.08	1.32	1.57	1.82	2.07	2.32
18	0.49	0.85	1.22	1.58	1.95	2.31	2.67	3.04	3.40
24	0.73	1.28	1.83	2.38	2.92	3.47	4.02	4.57	5.12
30	0.89	1.55	2.22	2.88	3.55	4.21	4.87	5.54	6.20
36	1.13	1.98	2.83	3.68	4.52	5.37	6.22	7.07	7.92
42	1.38	2.41	3.44	4.47	5.50	6.53	7.56	8.60	9.63
<b>48</b>	1.53	2.68	3.83	4.98	6.12	7.27	<b>8.42</b>	9.57	10.72
54	1.78	3.11	4.44	5.77	7.10	8.43	9.76	11.10	12.43
60	1.93	3.38	4.83	6.28	7.72	9.17	10.62	12.07	13.52
66	2.18	3.81	5.44	7.07	8.70	10.33	11.97	13.60	15.23
72	2.33	4.08	5.83	7.58	9.32	11.07	12.82	14.57	16.32
78	2.58	4.51	6.44	8.37	10.30	12.23	14.17	16.10	18.03
84	2.82	4.94	7.05	9.17	11.28	13.40	15.51	17.63	19.74
90	2.98	5.21	7.44	9.67	11.90	14.13	16.37	18.60	20.83
96	3.22	5.64	8.05	10.47	12.88	15.30	17.71	20.13	22.54
102	3.38	5.91	8.44	10.97	13.50	16.03	18.57	21.10	23.63
108	3.62	6.34	9.05	11.77	14.48	17.20	19.91	22.63	25.34
114	3.86	6.76	9.66	12.56	15.46	18.36	21.26	24.15	27.05
120	4.02	7.04	10.05	13.07	16.08	19.10	22.11	25.13	28.14



# LOUVER TYPE SCC901MD METHOD OF INSTALLATION & ACCESSORY OPTIONS



## FINISHES

Finish Type	Description/Application	Color Selection	Standard Warranty (Aluminum)
<b>AAMA 2605</b> 100% Fluoropolymer (FEVE) 2-Coat 70% Kynar® (PVDF) 3-Coat 70% Kynar® (PVDF) 4-Coat 70% Kynar® (PVDF)	"Best." The premier finish for extruded aluminum. Tough, long-lasting coating has superior color retention and abrasive properties. Resists chalking, fading, chemical abrasion and weathering.	<b>Standard Colors:</b> Any of the 27 standard colors shown can be furnished in 70% or 50% Kynar®, 100% Fluoropolymer or Baked Enamel. <b>Mica Colors:</b> Airlite offers 6 standard Mica colors for 70% Kynar® or 100% Fluoropolymer. <b>Custom Colors:</b> Custom color matching is available. Consult your Airlite representative for cost and/or lead-time implications if a custom color is required.	10 Years (20 Years Optional)
<b>AAMA 2603</b> Baked Enamel	"Good." Provides good adhesion and resistance to weathering, corrosion and chemical stain.		1 Year
<b>AA-M10C22A42</b> Integral Color Anodize	"Two-step" anodizing is produced by following the normal anodizing step with a second, colorfast process.	Light, Medium, Dark or Extra Dark Bronze; Champagne; Black	5 years
<b>AA-M10C22A41</b> Clear Anodize 215 R-1	Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack.	Clear	5 years
<b>AA-M10C22A31</b> Clear Anodize 204	Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack.	Clear	1 Year
<b>Prime Coat</b>	Louvers or architectural products shall be cleaned, pre-treated and receive a prime coat finish suitable for field painting. Airlite does not recommend prime coat or field painting of materials.		n/a
<b>Mill</b>	Materials may be supplied in natural aluminum or galvanized steel finish when normal weathering is acceptable and there is no concern for color or color change.		n/a

Finishes meet or exceed AAMA 2605, AAMA 2604, and AAMA 2603 requirements. Please consult [www.airolite.com](http://www.airolite.com) for complete information on standard and extended paint warranties. Paint finish warranties are not applicable to steel products.



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