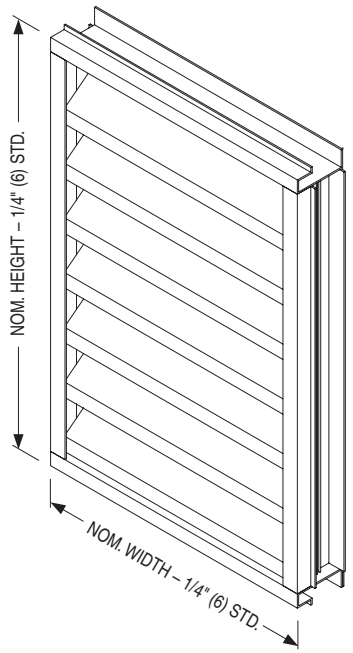
EXTRUDED ALUMINUM STATIONARY LOUVER
2" (51) DEEP • J BLADE • ARCHITECTURAL
MODEL: 1602J

Nailor® Industries Inc.

Model 1602J Thinline louver combines excellent performance with pleasing aesthetics, utilizing stationary J style architectural blades designed with smooth lines that enhance any structure's exterior styling. Standard concealed architectural mullions allow for a desirable continuous blade appearance. This architecturally styled louver delivers outstanding performance where a 4" (102) or 6" (152) louver is not practical. Reinforcing bosses run the full length of each blade providing superior strength. Suitable for use in ventilation, exhaust and low to medium velocity intake applications, ideal for use in thin wall and curtain wall applications or A/C units where a full depth louver cannot be used. Available in channel, flanged, or glazing adapter type, the 2" (51) deep frame installs easily in most common wall and mechanical configurations.



STANDARD CONSTRUCTION:

FRAME: 2" (51) deep, Type 6063-T6 extruded aluminum, .060" (1.5) nominal wall thickness. Integral caulking slot provided.

BLADES: Type 6063-T6 extruded aluminum, .060" (1.5) nominal wall thickness, with reinforcing bosses. J style.

BLADE ANGLE: Fixed at 30 degrees.

BLADE SPACING: Approximately 2" (51) on centers.

BLADE SUPPORT BRACKETS: Concealed type, factory installed on rear of louver on maximum 48" (1219) centers. Reinforced with 1" x 1" (25 x 25) angle (adds approx. 1" [25] to overall louver depth).

MULLIONS: Concealed architectural style allowing continuous line appearance.

SCREEN: 3/4" x .051 (19 x 1.3) expanded, flattened aluminum bird screen in removable frame, inside (rear) mount (adds approximately 3/8" [10] to louver depth).

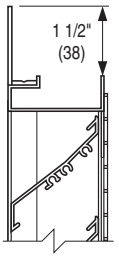
FINISH: Mill.

MINIMUM SIZE: 8" W x 8" H (203 x 203).

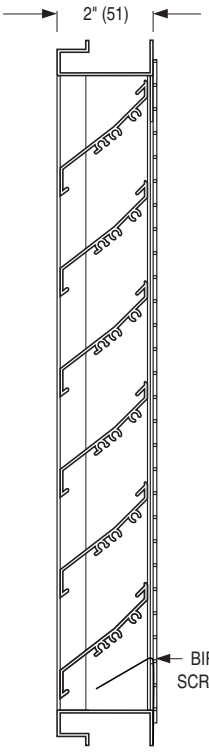
MAXIMUM SINGLE SECTION SIZE: 120" W x 84" H (3048 x 2134) or 84" W x 120" H (2134 x 3048). 70 sq. ft. (6.5m²). Larger louvers will require field assembly of smaller sections.

OPTIONS:

- ❑ **FL** Flanged Frame.
- ❑ **GA** Glazing Adaptor.
- ❑ **BSSS** Type 304 S.S. Bird Screen.
- ❑ **BSN** No Bird Screen.
- ❑ **ISA** Aluminum Insect Screen.
- ❑ **ISSS** Type 304 S.S. Insect Screen.
- ❑ **WE** Welded Construction.
- ❑ **ESI** Extended Sill.
- ❑ **FR1** 1" (25) Filter Rack.
- ❑ **FR2** 2" (51) Filter Rack.
- ❑ **PAC** Perimeter Anchor Clips.
- ❑ Other: _____ .



FLANGED FRAME (FL)
(OPTIONAL)



OPTIONAL FINISHES:

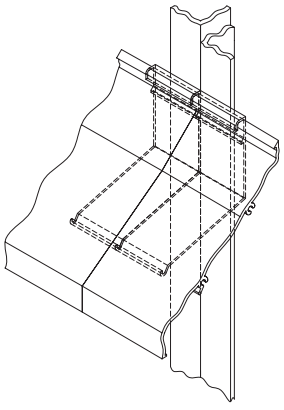
- ❑ **PC3** Powder Coat AAMA 2603. Color: _____ .
- ❑ **PC4** High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar®). Color: _____ .
- ❑ **PC5** Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70% Kynar®). Color: _____ .
- ❑ **PCC** Prime Coat.
- ❑ **AN04** Clear Anodized 204-R1.
- ❑ **AN15** Clear Anodized 215-R1.

Color Anodized:

- ❑ **ANLB** Light Bronze.
- ❑ **ANMB** Medium Bronze.
- ❑ **ANDB** Dark Bronze.
- ❑ **ANBK** Black.

OPTIONAL W x H SIZING (1/4" [6.5] Undersize standard)**:**

- ❑ **U00** Exact Size.
- ❑ **U38** Undersize 3/8" (9.5).
- ❑ **U50** Undersize 1/2" (12.7).



ARCHITECTURAL STYLE
CONCEALED MULLION DETAIL

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**5 - 1 - 13**	**1602J**

Dimensions are in inches (mm).

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.

EXTRUDED ALUMINUM STATIONARY LOUVER
2" (51) DEEP • J BLADE • ARCHITECTURAL
PERFORMANCE DATA
MODEL: 1602J

FREE AREA in Square Feet and Square Meters

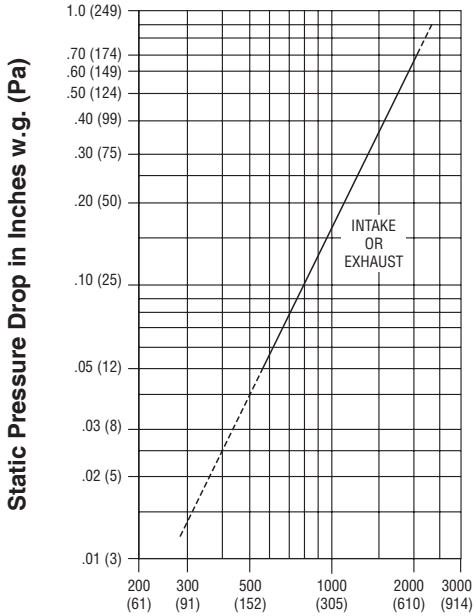
Height in Inches and Meters	Width in Inches and Meters																				
	8 0.20	**12** 0.30	**18** 0.46	**24** 0.61	**30** 0.76	**36** 0.91	**42** 1.07	**48** 1.22	**54** 1.37	**60** 1.52	**66** 1.68	**72** 1.83	**78** 1.98	**84** 2.13	**90** 2.29	**96** 2.44	**102** 2.59	**108** 2.74	**114** 2.90	**120** 3.05
8 0.20	**0.07** 0.01	**0.12** 0.01	**0.19** 0.02	**0.26** 0.02	**0.33** 0.03	**0.40** 0.04	**0.47** 0.04	**0.54** 0.05	**0.61** 0.06	**0.69** 0.06	**0.76** 0.07	**0.83** 0.08	**0.90** 0.08	**0.97** 0.09	**1.04** 0.10	**1.11** 0.10	**1.18** 0.11	**1.25** 0.12	**1.32** 0.12	**1.39** 0.13
12 0.30	**0.15** 0.01	**0.26** 0.02	**0.41** 0.04	**0.56** 0.05	**0.72** 0.07	**0.87** 0.08	**1.02** 0.09	**1.18** 0.11	**1.33** 0.12	**1.48** 0.14	**1.63** 0.15	**1.79** 0.17	**1.94** 0.18	**2.09** 0.19	**2.25** 0.21	**2.40** 0.22	**2.55** 0.24	**2.71** 0.25	**2.86** 0.27	**3.01** 0.28
18 0.46	**0.30** 0.03	**0.50** 0.05	**0.80** 0.07	**1.10** 0.10	**1.39** 0.13	**1.69** 0.16	**1.99** 0.18	**2.29** 0.21	**2.59** 0.24	**2.89** 0.27	**3.18** 0.30	**3.48** 0.32	**3.78** 0.35	**4.08** 0.38	**4.38** 0.41	**4.67** 0.43	**4.97** 0.46	**5.27** 0.49	**5.57** 0.52	**5.87** 0.55
24 0.61	**0.42** 0.04	**0.70** 0.07	**1.12** 0.10	**1.54** 0.14	**1.96** 0.18	**2.38** 0.22	**2.79** 0.26	**3.21** 0.30	**3.63** 0.34	**4.05** 0.38	**4.47** 0.42	**4.89** 0.45	**5.30** 0.49	**5.72** 0.53	**6.14** 0.57	**6.56** 0.61	**6.98** 0.65	**7.40** 0.69	**7.81** 0.73	**8.23** 0.76
30 0.76	**0.55** 0.05	**0.90** 0.08	**1.44** 0.13	**1.98** 0.18	**2.52** 0.23	**3.06** 0.28	**3.60** 0.33	**4.14** 0.38	**4.68** 0.43	**5.22** 0.48	**5.76** 0.54	**6.30** 0.59	**6.84** 0.64	**7.38** 0.69	**7.92** 0.74	**8.46** 0.79	**9.00** 0.84	**9.54** 0.89	**10.07** 0.94	**10.61** 0.99
36 0.36	**0.69** 0.06	**1.15** 0.11	**1.84** 0.17	**2.53** 0.23	**3.21** 0.30	**3.90** 0.36	**4.59** 0.43	**5.27** 0.49	**5.96** 0.55	**6.65** 0.62	**7.34** 0.68	**8.02** 0.75	**8.71** 0.81	**9.40** 0.87	**10.08** 0.94	**10.77** 1.00	**11.46** 1.06	**12.15** 1.13	**12.83** 1.19	**13.52** 1.26
42 1.07	**0.82** 0.08	**1.35** 0.13	**2.16** 0.20	**2.97** 0.28	**3.78** 0.35	**4.58** 0.43	**5.39** 0.50	**6.20** 0.58	**7.01** 0.65	**7.81** 0.73	**8.62** 0.80	**9.43** 0.88	**10.23** 0.95	**11.04** 1.03	**11.85** 1.10	**12.66** 1.18	**13.46** 1.25	**14.27** 1.33	**15.08** 1.40	**15.89** 1.48
48 1.22	**0.94** 0.09	**1.56** 0.14	**2.48** 0.23	**3.41** 0.32	**4.34** 0.40	**5.27** 0.49	**6.20** 0.58	**7.14** 0.66	**8.05** 0.75	**8.98** 0.83	**9.91** 0.92	**10.84** 1.01	**11.76** 1.09	**12.69** 1.18	**13.62** 1.27	**14.55** 1.35	**15.48** 1.44	**16.40** 1.52	**17.33** 1.61	**18.26** 1.70
54 1.37	**1.04** 0.10	**1.73** 0.16	**2.75** 0.26	**3.78** 0.35	**4.81** 0.45	**5.84** 0.54	**6.87** 0.64	**7.90** 0.73	**8.93** 0.83	**9.96** 0.93	**10.99** 1.02	**12.02** 1.12	**13.04** 1.21	**14.07** 1.31	**15.10** 1.40	**16.13** 1.50	**17.16** 1.59	**18.19** 1.69	**19.22** 1.79	**20.25** 1.88
60 1.52	**1.14** 0.11	**1.90** 0.18	**3.03** 0.28	**4.16** 0.39	**5.29** 0.49	**6.42** 0.60	**7.55** 0.70	**8.68** 0.81	**9.81** 0.91	**10.94** 1.02	**12.07** 1.12	**13.20** 1.23	**14.33** 1.33	**15.46** 1.44	**16.59** 1.54	**17.72** 1.65	**18.85** 1.75	**19.98** 1.86	**21.11** 1.96	**22.24** 2.07
66 1.68	**1.28** 0.12	**2.13** 0.20	**3.40** 0.32	**4.67** 0.43	**5.94** 0.55	**7.21** 0.67	**8.48** 0.79	**9.75** 0.91	**11.02** 1.02	**12.29** 1.14	**13.56** 1.26	**14.84** 1.38	**16.11** 1.50	**17.38** 1.61	**18.65** 1.73	**19.92** 1.85	**21.19** 1.97	**22.46** 2.09	**23.73** 2.20	**25.00** 2.32
72 1.83	**1.48** 0.14	**2.46** 0.23	**3.93** 0.36	**5.39** 0.50	**6.86** 0.64	**8.33** 0.77	**9.79** 0.91	**11.26** 1.05	**12.73** 1.18	**14.19** 1.32	**15.66** 1.45	**17.13** 1.59	**18.59** 1.73	**20.06** 1.86	**21.53** 2.00	**22.99** 2.14	**24.46** 2.27	**25.93** 2.41	**27.39** 2.54	**28.86** 2.68
78 1.98	**1.60** 0.15	**2.66** 0.25	**4.25** 0.39	**5.83** 0.54	**7.42** 0.69	**9.01** 0.84	**10.59** 0.98	**12.18** 1.13	**13.76** 1.28	**15.35** 1.43	**16.94** 1.57	**18.52** 1.72	**20.11** 1.87	**21.69** 2.02	**23.28** 2.16	**24.87** 2.31	**26.45** 2.46	**28.04** 2.60	**29.63** 2.75	**31.21** 2.90
84 2.13	**1.72** 0.16	**2.86** 0.27	**4.57** 0.42	**6.27** 0.58	**7.98** 0.74	**9.68** 0.90	**11.39** 1.06	**13.09** 1.22	**14.80** 1.37	**16.50** 1.53	**18.21** 1.69	**19.91** 1.85	**21.62** 2.01	**23.33** 2.17	**25.03** 2.33	**26.74** 2.48	**28.44** 2.64	**30.15** 2.80	**31.85** 2.96	**33.56** 3.12
90 2.29	**1.87** 0.17	**3.11** 0.29	**4.97** 0.46	**6.82** 0.63	**8.68** 0.81	**10.53** 0.98	**12.39** 1.15	**14.24** 1.32	**16.10** 1.50	**17.95** 1.67	**19.81** 1.84	**21.66** 2.01	**23.52** 2.18	**25.37** 2.36	**27.23** 2.53	**29.08** 2.70	**30.94** 2.87	**32.79** 3.05	**34.65** 3.22	**36.50** 3.39
96 2.44	**2.00** 0.19	**3.31** 0.31	**5.29** 0.49	**7.26** 0.67	**9.24** 0.86	**11.21** 1.04	**13.19** 1.23	**15.16** 1.41	**17.14** 1.59	**19.11** 1.78	**21.09** 1.96	**23.06** 2.14	**25.04** 2.33	**27.01** 2.51	**28.99** 2.69	**30.96** 2.88	**32.94** 3.06	**34.91** 3.24	**36.89** 3.43	**38.86** 3.61

AIRFLOW/ WATER PENETRATION DATA
for 48" x 48" (1219 x 1219) Louver Size

	Free Area % Free Area sq. ft. (sq. m.)	45% 7.14 (0.66)
INTAKE	Free Area Velocity at Point of Beginning Water Penetration at .01 oz./sq. ft. (3 ml/sq. m) (15 min. test duration)	549 fpm (167 m/min.)
	Air Volume at 549 fpm Free Area Velocity	3920 cfm (1850 l/s)
	Pressure Drop @ 549 fpm	.05 in. w.g. (12 Pa)

NOTE: To minimize water penetration when sizing intake louvers, select a Free Area Velocity that is **below** the point of beginning water penetration.

PRESSURE DROP



Air Velocity in Feet (Meters) Per Minute Through Free Area

Louver test size: 48" x 48" (1219 x 1219 mm). Standard air density @ 0.075 lbs/ft³.

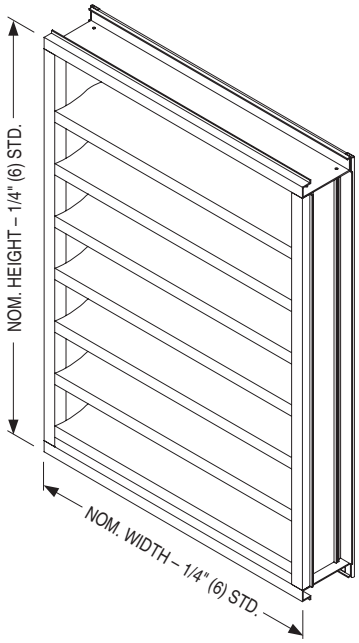
SCHEDULE TYPE:	Page 2 of 2 Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**5 - 1 - 13**	**1602J**

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.

EXTRUDED ALUMINUM STATIONARY LOUVER
4" (102) DEEP • J BLADE • ARCHITECTURAL
MODEL: 1604J

Nailor® Industries Inc.

Model 1604J, J style blade type, is an architecturally styled 4" (102) deep louver designed with smooth, clean lines that visually compliment any structure's exterior styling. Available in channel or flanged type, the 4" (102) deep frame installs easily in most common wall configurations. Suitable for use in exhaust and low to medium velocity intake applications, the blade design features a rear water baffle and provides good protection against general weather conditions, with low pressure drop characteristics and a high free area. Reinforcing bosses run the full length of each blade for superior strength.



STANDARD CONSTRUCTION:

FRAME: 4" (102) deep, Type 6063-T6 extruded aluminum, .080" (2.03) nominal wall thickness. Integral caulking slot provided.

BLADES: Type 6063-T6 extruded aluminum, .080" (2.03) nominal wall thickness, with reinforcing bosses. J style.

BLADE ANGLE: Fixed at 37 degrees.

BLADE SPACING: Approx. 4" (102) on centers.

BLADE SUPPORT BRACKETS: Concealed type, factory installed on rear of louver on maximum 60" (1524) centers. Reinforced with 1 1/2" x 2" (38 x 51) angle (adds approx. 2" [51] to overall louver depth).

MULLIONS: Concealed architectural style allowing continuous line appearance.

SCREEN: 3/4" x .051 (19 x 1.3) expanded, flattened aluminum bird screen in removable frame, inside (rear) mount (adds approximately 3/8" [10] to louver depth).

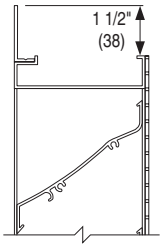
FINISH: Mill.

MINIMUM SIZE: 12" W x 12" H (305 x 305).

MAX. SINGLE SECTION SIZE: 120" W x 84" H (3048 x 2134) or 84" W x 120" H (2134 x 3048). 70 sq. ft. (6.5m²). Larger louvers will require field assembly of smaller sections.

OPTIONS:

- ❑ **FL** Flanged Frame.
- ❑ **BSSS** Type 304 S.S. Bird Screen.
- ❑ **BSN** No Bird Screen.
- ❑ **ISA** Aluminum Insect Screen.
- ❑ **ISSS** Type 304 S.S. Insect Screen.
- ❑ **WE** Welded Construction.
- ❑ **ESI** Extended Sill.
- ❑ **FR1** 1" (25) Filter Rack.
- ❑ **FR2** 2" (51) Filter Rack.
- ❑ **PAC** Perimeter Anchor Clips.
- ❑ Other: _____ .



FLANGED FRAME (FL)
(OPTIONAL)

OPTIONAL FINISHES:

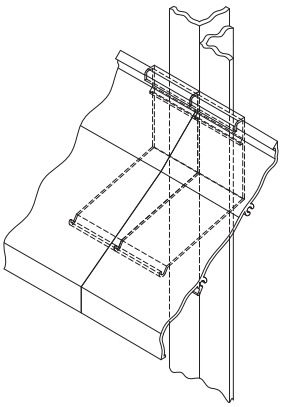
- ❑ **PC3** Powder Coat AAMA 2603. Color: _____ .
- ❑ **PC4** High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar®). Color: _____ .
- ❑ **PC5** Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70% Kynar®). Color: _____ .
- ❑ **PCC** Prime Coat.
- ❑ **AN04** Clear Anodized 204-R1.
- ❑ **AN15** Clear Anodized 215-R1.

Color Anodized:

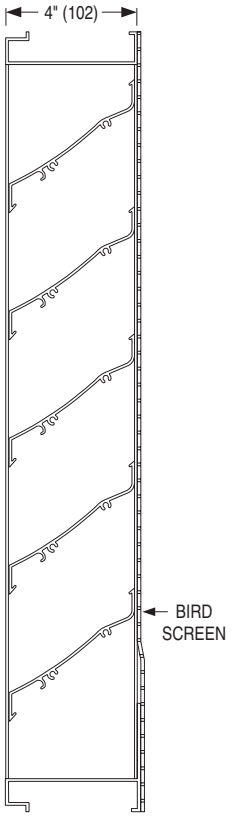
- ❑ **ANLB** Light Bronze.
- ❑ **ANDB** Dark Bronze.
- ❑ **ANMB** Medium Bronze.
- ❑ **ANBK** Black.

OPTIONAL W x H SIZING (1/4" [6.5] Undersize standard)**:**

- ❑ **U00** Exact Size.
- ❑ **U38** Undersize 3/8" (9.5).
- ❑ **U50** Undersize 1/2" (12.7).



ARCHITECTURAL STYLE
CONCEALED MULLION DETAIL



SCHEDULE TYPE:	Page 1 of 3 Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**12 - 15 - 20**	**1604J**

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.

Nailor® Industries Inc.

EXTRUDED ALUMINUM STATIONARY LOUVER
4" (102) DEEP • J BLADE • ARCHITECTURAL
PERFORMANCE DATA
MODEL: 1604J

FREE AREA in Square Feet and Square Meters

Height in Inches and Meters	Width in Inches and Meters																		
	12	**18**	**24**	**30**	**36**	**42**	**48**	**54**	**60**	**66**	**72**	**78**	**84**	**90**	**96**	**102**	**108**	**114**	**120**
	0.30	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52	1.68	1.83	1.98	2.13	2.29	2.44	2.59	2.74	2.90	3.05
12	**0.18**	**0.28**	**0.39**	**0.50**	**0.60**	**0.71**	**0.82**	**0.92**	**1.03**	**1.14**	**1.24**	**1.35**	**1.46**	**1.57**	**1.67**	**1.78**	**1.89**	**1.99**	**2.10**
0.30	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19	0.20
18	**0.35**	**0.56**	**0.78**	**0.99**	**1.21**	**1.42**	**1.63**	**1.85**	**2.06**	**2.28**	**2.49**	**2.70**	**2.92**	**3.13**	**3.34**	**3.56**	**3.77**	**3.99**	**4.20**
0.46	0.03	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31	0.33	0.35	0.37	0.39
24	**0.90**	**1.44**	**1.99**	**2.53**	**3.08**	**3.63**	**4.17**	**4.72**	**5.27**	**5.81**	**6.36**	**6.90**	**7.45**	**8.00**	**8.54**	**9.09**	**9.64**	**10.18**	**10.73**
0.61	0.08	0.13	0.18	0.24	0.29	0.34	0.39	0.44	0.49	0.54	0.59	0.64	0.69	0.74	0.79	0.84	0.90	0.95	1.00
30	**1.09**	**1.76**	**2.43**	**3.09**	**3.76**	**4.42**	**5.09**	**5.76**	**6.42**	**7.09**	**7.76**	**8.42**	**9.09**	**9.76**	**10.42**	**11.09**	**11.76**	**12.42**	**13.09**
0.76	0.10	0.16	0.23	0.29	0.35	0.41	0.47	0.53	0.60	0.66	0.72	0.78	0.84	0.91	0.97	1.03	1.09	1.15	1.22
36	**1.38**	**2.22**	**3.06**	**3.89**	**4.73**	**5.57**	**6.41**	**7.25**	**8.09**	**8.93**	**9.77**	**10.61**	**11.45**	**12.29**	**13.13**	**13.97**	**14.81**	**15.65**	**16.49**
0.91	0.13	0.21	0.28	0.36	0.44	0.52	0.60	0.67	0.75	0.83	0.91	0.99	1.06	1.14	1.22	1.30	1.38	1.45	1.53
42	**1.74**	**2.80**	**3.86**	**4.92**	**5.99**	**7.05**	**8.11**	**9.17**	**10.23**	**11.29**	**12.35**	**13.41**	**14.48**	**15.54**	**16.60**	**17.66**	**18.72**	**19.78**	**20.84**
1.07	0.16	0.26	0.36	0.46	0.56	0.65	0.75	0.85	0.95	1.05	1.15	1.25	1.34	1.44	1.54	1.64	1.74	1.84	1.94
48	**1.92**	**3.09**	**4.26**	**5.44**	**6.61**	**7.78**	**8.95**	**10.12**	**11.29**	**12.46**	**13.64**	**14.81**	**15.98**	**17.15**	**18.32**	**19.49**	**20.66**	**21.84**	**23.01**
1.22	0.18	0.29	0.40	0.50	0.61	0.72	0.83	0.94	1.05	1.16	1.27	1.38	1.48	1.59	1.70	1.81	1.92	2.03	2.14
54	**2.19**	**3.53**	**4.86**	**6.20**	**7.53**	**8.87**	**10.20**	**11.54**	**12.88**	**14.21**	**15.55**	**16.88**	**18.22**	**19.55**	**20.89**	**22.23**	**23.56**	**24.90**	**26.23**
1.37	0.20	0.33	0.45	0.58	0.70	0.82	0.95	1.07	1.20	1.32	1.44	1.57	1.69	1.82	1.94	2.06	2.19	2.31	2.44
60	**2.47**	**3.97**	**5.47**	**6.98**	**8.48**	**9.99**	**11.49**	**13.00**	**14.50**	**16.00**	**17.51**	**19.01**	**20.52**	**22.02**	**23.52**	**25.03**	**26.53**	**28.04**	**29.54**
1.52	0.23	0.37	0.51	0.65	0.79	0.93	1.07	1.21	1.35	1.49	1.63	1.77	1.91	2.05	2.19	2.33	2.46	2.60	2.74
66	**2.73**	**4.40**	**6.07**	**7.73**	**9.40**	**11.07**	**12.73**	**14.40**	**16.07**	**17.74**	**19.40**	**21.07**	**22.74**	**24.40**	**26.07**	**27.74**	**29.40**	**31.07**	**32.74**
1.68	0.25	0.41	0.56	0.72	0.87	1.03	1.18	1.34	1.49	1.65	1.80	1.96	2.11	2.27	2.42	2.58	2.73	2.89	3.04
72	**3.02**	**4.86**	**6.70**	**8.54**	**10.38**	**12.22**	**14.06**	**15.90**	**17.74**	**19.58**	**21.42**	**23.26**	**25.10**	**26.94**	**28.78**	**30.62**	**32.46**	**34.30**	**36.14**
1.83	0.28	0.45	0.62	0.79	0.96	1.14	1.31	1.48	1.65	1.82	1.99	2.16	2.33	2.50	2.67	2.84	3.02	3.19	3.36
78	**3.29**	**5.30**	**7.31**	**9.32**	**11.33**	**13.33**	**15.34**	**17.35**	**19.36**	**21.37**	**23.37**	**25.38**	**27.39**	**29.40**	**31.41**	**33.42**	**35.42**	**37.43**	**39.44**
1.98	0.31	0.49	0.68	0.87	1.05	1.24	1.43	1.61	1.80	1.98	2.17	2.36	2.54	2.73	2.92	3.10	3.29	3.48	3.66
84	**3.53**	**5.69**	**7.84**	**10.00**	**12.15**	**14.31**	**16.46**	**18.61**	**20.77**	**22.92**	**25.08**	**27.23**	**29.39**	**31.54**	**33.70**	**35.85**	**38.01**	**40.16**	**42.32**
2.13	0.33	0.53	0.73	0.93	1.13	1.33	1.53	1.73	1.93	2.13	2.33	2.53	2.73	2.93	3.13	3.33	3.53	3.73	3.93
90	**3.84**	**6.18**	**8.53**	**10.87**	**13.21**	**15.56**	**17.90**	**20.24**	**22.58**	**24.93**	**27.27**	**29.61**	**31.96**	**34.30**	**36.64**	**38.98**	**41.33**	**43.67**	**46.01**
2.29	0.36	0.57	0.79	1.01	1.23	1.45	1.66	1.88	2.10	2.32	2.53	2.75	2.97	3.19	3.40	3.62	3.84	4.06	4.27
96	**4.07**	**6.55**	**9.04**	**11.52**	**14.00**	**16.48**	**18.97**	**21.45**	**23.93**	**26.41**	**28.90**	**31.38**	**33.86**	**36.34**	**38.83**	**41.31**	**43.79**	**46.27**	**48.76**
2.44	0.38	0.61	0.84	1.07	1.30	1.53	1.76	1.99	2.22	2.45	2.68	2.92	3.15	3.38	3.61	3.84	4.07	4.30	4.53
102	**4.35**	**7.01**	**9.67**	**12.32**	**14.98**	**17.63**	**20.29**	**22.95**	**25.60**	**28.26**	**30.91**	**33.57**	**36.22**	**38.88**	**41.54**	**44.19**	**46.85**	**49.50**	**52.16**
2.59	0.40	0.65	0.90	1.14	1.39	1.64	1.88	2.13	2.38	2.63	2.87	3.12	3.37	3.61	3.86	4.11	4.35	4.60	4.85
108	**4.62**	**7.44**	**10.25**	**13.07**	**15.89**	**18.71**	**21.52**	**24.34**	**27.16**	**29.97**	**32.79**	**35.61**	**38.43**	**41.24**	**44.06**	**46.88**	**49.69**	**52.51**	**55.33**
2.74	0.43	0.69	0.95	1.21	1.48	1.74	2.00	2.26	2.52	2.78	3.05	3.31	3.57	3.83	4.09	4.35	4.62	4.88	5.14
114	**4.90**	**7.89**	**10.87**	**13.86**	**16.85**	**19.84**	**22.83**	**25.81**	**28.80**	**31.79**	**34.78**	**37.76**	**40.75**	**43.74**	**46.73**	**49.72**	**52.70**	**55.69**	**58.68**
2.90	0.46	0.73	1.01	1.29	1.57	1.84	2.12	2.40	2.68	2.95	3.23	3.51	3.79	4.06	4.34	4.62	4.90	5.17	5.45
120	**5.17**	**8.32**	**11.47**	**14.62**	**17.78**	**20.93**	**24.08**	**27.23**	**30.38**	**33.53**	**36.69**	**39.84**	**42.99**	**46.14**	**49.29**	**52.44**	**55.60**	**58.75**	**61.90**
3.05	0.48	0.77	1.07	1.36	1.65	1.94	2.24	2.53	2.82	3.12	3.41	3.70	3.99	4.29	4.58	4.87	5.16	5.46	5.75

SCHEDULE TYPE:	Page 2 of 3			
PROJECT:	Dimensions are in inches (mm).			
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**12 - 15 - 20**	**1604J**

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.

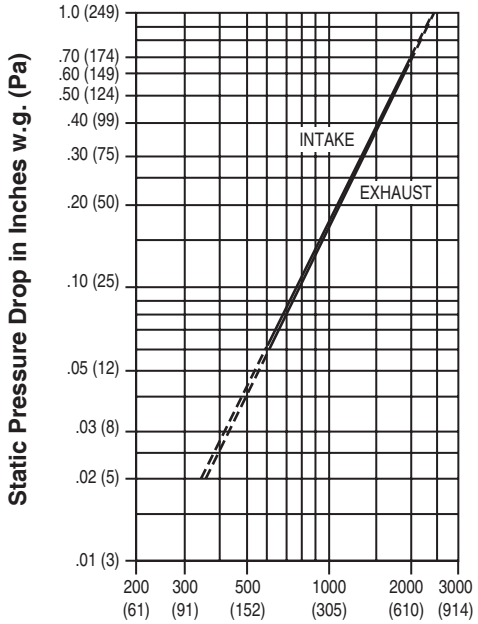
EXTRUDED ALUMINUM STATIONARY LOUVER
4" (102) DEEP • J BLADE • ARCHITECTURAL
PERFORMANCE DATA
MODEL: 1604J

AIRFLOW/ WATER PENETRATION DATA
for 48" x 48" (1219 x 1219) Louver Size

	Free Area % Free Area sq. ft. (sq. m.)	56% 8.95 (0.83)
INTAKE	Free Area Velocity at Point of Beginning Water Penetration at .01 oz./sq. ft. (3 ml/sq. m) (15 min. test duration)	750 fpm (229 m/min.)
	Air Volume at 750 fpm Free Area Velocity	6713 cfm (3168 l/s)
	Pressure Drop @ 750 fpm	.09 in. w.g. (22 Pa)

NOTE: To minimize water penetration when sizing intake louvers, select a Free Area Velocity that is **below** the point of beginning water penetration.

PRESSURE DROP



Air Velocity in Feet (Meters) Per Minute Through Free Area

Louver test size: 48" x 48" (1219 x 1219 mm).
Standard air density @ 0.075 lbs/ft³.
Tested to AMCA Fig. 5.5 – 6.5.

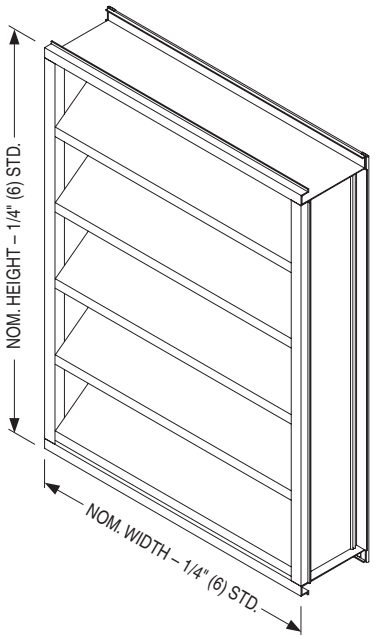
SCHEDULE TYPE:	Page 3 of 3			
PROJECT:	Dimensions are in inches (mm).			
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**12 - 15 - 20**	**1604J**

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.

EXTRUDED ALUMINUM STATIONARY LOUVER
6" (152) DEEP • J BLADE • ARCHITECTURAL
MODEL: 1606J

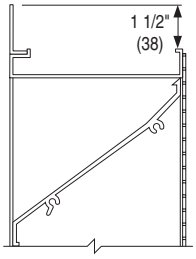
Nailor® Industries Inc.

Model 1606J, J style blade type, is an architecturally styled 6" (152) deep louver designed with smooth, clean lines that visually compliment any structure's exterior styling. Available in channel or flanged type, the 6" (152) deep frame installs easily in most common wall configurations. Suitable for use in exhaust and low to medium velocity intake applications, the blade design features a rear water baffle and provides good protection against general weather conditions, with low pressure drop characteristics and a high free area. Reinforcing bosses run the full length of each blade for superior strength. .

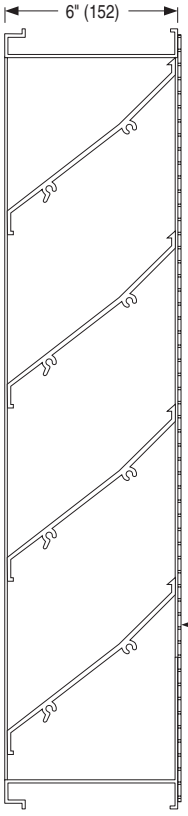


STANDARD CONSTRUCTION:

FRAME:	6" (152) deep, Type 6063-T6 extruded aluminum, .080" (2.03) nominal wall thickness. Integral caulking slot provided.
BLADES:	Type 6063-T6 extruded aluminum, .080" (2.03) nominal wall thickness, with reinforcing bosses. J style.
BLADE ANGLE:	Fixed at 37 degrees.
BLADE SPACING:	Approx. 6" (152) on centers.
BLADE SUPPORT BRACKETS:	Concealed type, factory installed on rear of louver on maximum 60" (1524) centers. Reinforced with 1 1/2" x 2" (38 x 51) angle (adds approx. 2" [51] to overall louver depth).
MULLIONS:	Concealed architectural style allowing continuous line appearance.
SCREEN:	3/4" x .051 (19 x 1.3) expanded, flattened aluminum bird screen in removable frame, inside (rear) mount (adds approximately 3/8" [10] to louver depth).
FINISH:	Mill.
MINIMUM SIZE:	12" W x 12" H (305 x 305).
MAX. SINGLE SECTION SIZE:	120" W x 84" H (3048 x 2134) or 84" W x 120" H (2134 x 3048). 70 sq. ft. (6.5m²). Larger louvers will require field assembly of smaller sections.



FLANGED FRAME (FL)
(OPTIONAL)



OPTIONS:

- ❑ **FL** Flanged Frame.
- ❑ **BSSS** Type 304 S.S. Bird Screen.
- ❑ **BSN** No Bird Screen.
- ❑ **ISA** Aluminum Insect Screen.
- ❑ **ISSS** Type 304 S.S. Insect Screen.
- ❑ **WE** Welded Construction.
- ❑ **ESI** Extended Sill.
- ❑ **FR1** 1" (25) Filter Rack.
- ❑ **FR2** 2" (51) Filter Rack.
- ❑ **PAC** Perimeter Anchor Clips.
- ❑ Other: _____ .

OPTIONAL FINISHES:

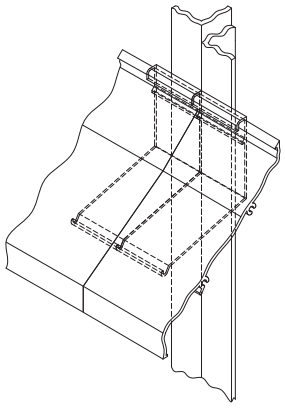
- ❑ **PC3** Powder Coat AAMA 2603. Color: _____ .
- ❑ **PC4** High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar®). Color: _____ .
- ❑ **PC5** Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70% Kynar®). Color: _____ .
- ❑ **PCC** Prime Coat.
- ❑ **AN04** Clear Anodized 204-R1.
- ❑ **AN15** Clear Anodized 215-R1.

Color Anodized:

- ❑ **ANLB** Light Bronze.
- ❑ **ANDB** Dark Bronze.
- ❑ **ANMB** Medium Bronze.
- ❑ **ANBK** Black.

OPTIONAL W x H SIZING (1/4" [6.5] Undersize standard)**:**

- ❑ **U00** Exact Size.
- ❑ **U38** Undersize 3/8" (9.5).
- ❑ **U50** Undersize 1/2" (12.7).


ARCHITECTURAL STYLE
CONCEALED MULLION DETAIL

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**7 - 11 - 13**	**1606J**

Dimensions are in inches (mm).

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.

EXTRUDED ALUMINUM STATIONARY LOUVER
6" (152) DEEP • J BLADE • ARCHITECTURAL
PERFORMANCE DATA
MODEL: 1606J

FREE AREA in Square Feet and Square Meters

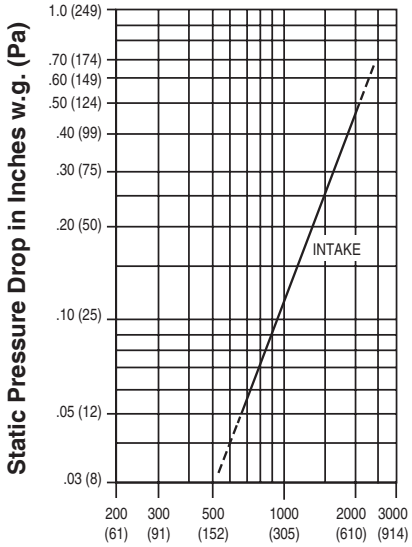
Height in Inches and Meters	Width in Inches and Meters																		
	12	**18**	**24**	**30**	**36**	**42**	**48**	**54**	**60**	**66**	**72**	**78**	**84**	**90**	**96**	**102**	**108**	**114**	**120**
	0.30	0.46	0.61	0.76	0.91	1.07	1.22	1.37	1.52	1.68	1.83	1.98	2.13	2.29	2.44	2.59	2.74	2.90	3.05
12	**0.21**	**0.33**	**0.45**	**0.57**	**0.69**	**0.81**	**0.93**	**1.05**	**1.17**	**1.29**	**1.41**	**1.53**	**1.65**	**1.77**	**1.89**	**2.02**	**2.14**	**2.26**	**2.38**
0.30	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.18	0.19	0.20	0.21	0.22
18	**0.48**	**0.75**	**1.03**	**1.31**	**1.59**	**1.87**	**2.14**	**2.42**	**2.70**	**2.98**	**3.26**	**3.54**	**3.81**	**4.09**	**4.37**	**4.65**	**4.93**	**5.21**	**5.48**
0.46	0.04	0.07	0.10	0.12	0.15	0.17	0.20	0.23	0.25	0.28	0.30	0.33	0.35	0.38	0.41	0.43	0.46	0.48	0.51
24	**0.75**	**1.18**	**1.62**	**2.06**	**2.50**	**2.94**	**3.37**	**3.81**	**4.25**	**4.69**	**5.12**	**5.56**	**6.00**	**6.44**	**6.87**	**7.31**	**7.75**	**8.19**	**8.62**
0.61	0.07	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.44	0.48	0.52	0.56	0.60	0.64	0.68	0.72	0.76	0.80
30	**1.02**	**1.62**	**2.21**	**2.81**	**3.41**	**4.01**	**4.60**	**5.20**	**5.80**	**6.40**	**6.99**	**7.59**	**8.19**	**8.78**	**9.38**	**9.98**	**10.58**	**11.17**	**11.77**
0.76	0.09	0.15	0.21	0.26	0.32	0.37	0.43	0.48	0.54	0.59	0.65	0.71	0.76	0.82	0.87	0.93	0.98	1.04	1.09
36	**1.29**	**2.05**	**2.81**	**3.56**	**4.32**	**5.08**	**5.84**	**6.59**	**7.35**	**8.11**	**8.86**	**9.62**	**10.38**	**11.14**	**11.89**	**12.65**	**13.41**	**14.16**	**14.92**
0.91	0.12	0.19	0.26	0.33	0.40	0.47	0.54	0.61	0.68	0.75	0.82	0.89	0.96	1.03	1.10	1.18	1.25	1.32	1.39
42	**1.52**	**2.40**	**3.29**	**4.18**	**5.07**	**5.96**	**6.84**	**7.73**	**8.62**	**9.51**	**10.40**	**11.28**	**12.17**	**13.06**	**13.95**	**14.84**	**15.72**	**16.61**	**17.50**
1.07	0.14	0.22	0.31	0.39	0.47	0.55	0.64	0.72	0.80	0.88	0.97	1.05	1.13	1.21	1.30	1.38	1.46	1.54	1.63
48	**1.79**	**2.84**	**3.88**	**4.93**	**5.98**	**7.04**	**8.13**	**9.12**	**10.17**	**11.22**	**12.27**	**13.31**	**14.36**	**15.41**	**16.46**	**17.50**	**18.55**	**19.60**	**20.65**
1.22	0.17	0.26	0.36	0.46	0.56	0.65	0.76	0.85	0.94	1.04	1.14	1.24	1.33	1.43	1.53	1.63	1.72	1.82	1.92
54	**2.06**	**3.27**	**4.48**	**5.68**	**6.89**	**8.10**	**9.31**	**10.51**	**11.72**	**12.93**	**14.14**	**15.34**	**16.55**	**17.76**	**18.97**	**20.17**	**21.38**	**22.59**	**23.80**
1.37	0.19	0.30	0.42	0.53	0.64	0.75	0.86	0.98	1.09	1.20	1.31	1.43	1.54	1.65	1.76	1.87	1.99	2.10	2.21
60	**2.34**	**3.70**	**5.07**	**6.44**	**7.80**	**9.17**	**10.54**	**11.91**	**13.27**	**14.64**	**16.01**	**17.38**	**18.74**	**20.11**	**21.48**	**22.84**	**24.21**	**25.58**	**26.95**
1.52	0.22	0.34	0.47	0.60	0.73	0.85	0.98	1.11	1.23	1.36	1.49	1.61	1.74	1.87	2.00	2.12	2.25	2.38	2.50
66	**2.61**	**4.14**	**5.66**	**7.19**	**8.72**	**10.24**	**11.77**	**13.30**	**14.83**	**16.35**	**17.88**	**19.41**	**20.93**	**22.46**	**23.99**	**25.52**	**27.04**	**28.57**	**30.10**
1.68	0.24	0.38	0.53	0.67	0.81	0.95	1.09	1.24	1.38	1.52	1.66	1.80	1.94	2.09	2.23	2.37	2.51	2.65	2.80
72	**2.88**	**4.57**	**6.26**	**7.94**	**9.63**	**11.32**	**13.00**	**14.69**	**16.38**	**18.07**	**19.75**	**21.44**	**23.13**	**24.81**	**26.50**	**28.19**	**29.87**	**31.56**	**33.25**
1.83	0.27	0.42	0.58	0.74	0.89	1.05	1.21	1.36	1.52	1.68	1.84	1.99	2.15	2.31	2.46	2.62	2.78	2.93	3.09
78	**3.16**	**5.00**	**6.85**	**8.70**	**10.54**	**12.39**	**14.24**	**16.08**	**17.93**	**19.78**	**21.63**	**23.47**	**25.32**	**27.17**	**29.01**	**30.86**	**32.71**	**34.55**	**36.40**
1.98	0.29	0.46	0.64	0.81	0.98	1.15	1.32	1.49	1.67	1.84	2.01	2.18	2.35	2.52	2.70	2.87	3.04	3.21	3.38
84	**3.43**	**5.44**	**7.44**	**9.45**	**11.46**	**13.46**	**15.47**	**17.48**	**19.48**	**21.49**	**23.50**	**25.51**	**27.51**	**29.52**	**31.53**	**33.53**	**35.54**	**37.55**	**39.55**
2.13	0.32	0.50	0.69	0.88	1.06	1.25	1.44	1.62	1.81	2.00	2.18	2.37	2.56	2.74	2.93	3.12	3.30	3.49	3.67
90	**3.70**	**5.87**	**8.04**	**10.20**	**12.37**	**14.54**	**16.70**	**18.87**	**21.04**	**23.21**	**25.37**	**27.54**	**29.71**	**31.87**	**34.04**	**36.21**	**38.37**	**40.54**	**42.71**
2.29	0.34	0.55	0.75	0.95	1.15	1.35	1.55	1.75	1.95	2.16	2.36	2.56	2.76	2.96	3.16	3.36	3.57	3.77	3.97
96	**3.98**	**6.30**	**8.63**	**10.96**	**13.28**	**15.61**	**17.94**	**20.26**	**22.59**	**24.92**	**27.25**	**29.57**	**31.90**	**34.23**	**36.55**	**38.88**	**41.21**	**43.53**	**45.86**
2.44	0.37	0.59	0.80	1.02	1.23	1.45	1.67	1.88	2.10	2.32	2.53	2.75	2.96	3.18	3.40	3.61	3.83	4.04	4.26

AIRFLOW/ WATER PENETRATION DATA
for 48" x 48" (1219 x 1219) Louver Size

	Free Area % Free Area sq. ft. (sq. m.)	51% 8.13 (0.76)
INTAKE	Free Area Velocity at Point of Beginning Water Penetration at .01 oz./sq. ft. (3 ml/sq. m) (15 min. test duration)	1029 fpm (314 m/min.)
	Air Volume at 1029 fpm Free Area Velocity	8366 cfm (3948 l/s)
	Pressure Drop @ 1029 fpm	.13 in. w.g. (32 Pa)

NOTE: To minimize water penetration when sizing intake louvers, select a Free Area Velocity that is **below** the point of beginning water penetration.

PRESSURE DROP



Air Velocity in Feet (Meters) Per Minute Through Free Area

Louver test size: 48" x 48" (1219 x 1219 mm). Standard air density @ 0.075 lbs/ft³. Tested to AMCA Fig. 5.5 – 6.5.

SCHEDULE TYPE:	Page 2 of 2			
PROJECT:	Dimensions are in inches (mm).			
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**7 - 11 - 13**	**1606J**

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SPECIALTY STATIONARY LOUVERS
EXTRUDED ALUMINUM
CIRCULAR & SEMICIRCULAR SHAPES
MODEL SERIES: 1600

Nailor specialty shape louvers are available in a variety of blade/frame designs. The following louver models are available in specialty shapes as shown:

1602J	**1604J**	**1604D**	**1606J**	**1606D**
1602K	**1604JD**	**1604DD**	**1606JD**	**1606DD**
1602D	**1604KD**	**1604Y**	**1606KD**	**1606DHP**

Note: Use of drainable blades is not recommended on certain shapes. Consult Nailor for specific applications.

PERFORMANCE:

Standard louvers are tested for water penetration and pressure drop in a square configuration only. Performance of specialty shape louvers may vary from that of standard louvers.
Specialty shape louvers are not licensed to bear the AMCA seal.

STANDARD CONSTRUCTION:

FRAME: Type 6063-T6 extruded or formed aluminum. Channel type standard. Frame profile may vary depending upon louver style and shape. Contact Nailor for specific details.

BLADES: Type 6063-T6 extruded aluminum. See applicable louver model submittal sheet for blade profile.

BLADE SUPPORT BRACKETS: Concealed type, factory installed on rear of louver as necessary. Reinforced with 1 1/2" x 2" (38 x 51) vertical angle (adds approximately 2" [51] to overall louver depth).

SCREEN: 3/4" x .051 (19 x 1.3) expanded, flattened aluminum bird screen in removable frame, inside (rear) mount (adds approximately 3/8" [10] to louver depth).

FINISH: Mill.

MINIMUM SIZE: 20" (508) Diameter. Contact Nailor for smaller sizes.

MAXIMUM SINGLE SECTION SIZE: 120" W x 84" H (3048 x 2134) or 84" H x 120" W (2134 x 3048). Larger louvers will require field assembly of smaller sections. Consult Nailor for section details of specific sizes.

OPTIONS:

- ❑ **FL** Flanged Frame.
- ❑ **BSSS** Type 304 S.S. Bird Screen.
- ❑ **BSN** No Bird Screen.
- ❑ **ISA** Aluminum Insect Screen.
- ❑ **ISSS** Type 304 S.S. Insect Screen.
- ❑ **PAC** Perimeter Anchor Clips.
- ❑ Other: _____ .

OPTIONAL FINISHES:

- ❑ **PC3** Powder Coat AAMA 2603. Color: _____ .
- ❑ **PC4** High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar®). Color: _____ .
- ❑ **PC5** Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70% Kynar®). Color: _____ .
- ❑ **PCC** Prime Coat.
- ❑ **AN04** Clear Anodized 204-R1.
- ❑ **AN15** Clear Anodized 215-R1.

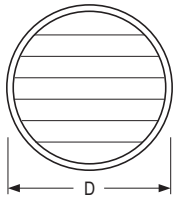
Color Anodized:

- ❑ **ANLB** Light Bronze.
- ❑ **ANDB** Dark Bronze.
- ❑ **ANMB** Medium Bronze.
- ❑ **ANBK** Black.

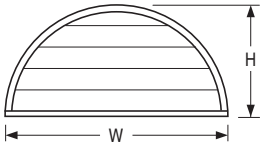
OPTIONAL W x H SIZING (1/4" [6.5] Undersize standard):

- ❑ **U00** Exact Size.
- ❑ **U38** Undersize 3/8" (9.5).
- ❑ **U50** Undersize 1/2" (12.7).

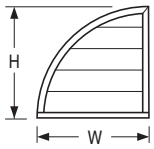
Contact Nailor for special configurations or requirements.



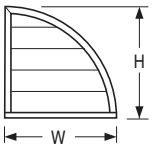
CA Circle (Round)



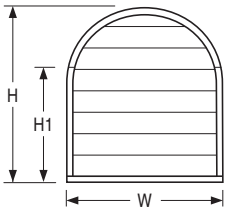
CB Semi-Circle



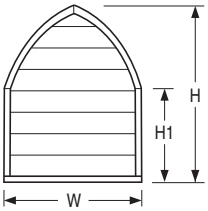
CC 1/4 Circle Left



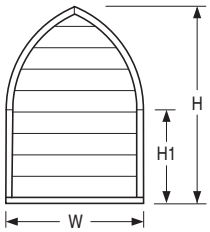
CD 1/4 Circle Right



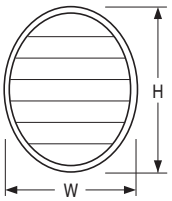
CE Arch Semi-Circular



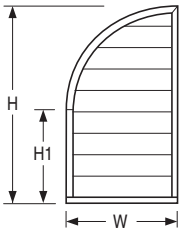
CFC Arch Custom (Dropped or Lancet)



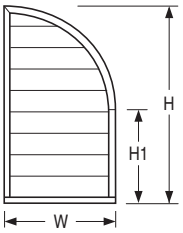
CFE Arch Equilateral



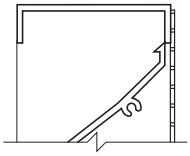
CG Oval



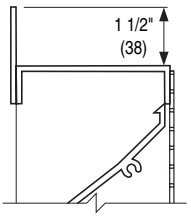
CH Arch 1/4 Circle Left



CJ Arch 1/4 Circle Right



TYPICAL CHANNEL FRAME (STANDARD)



OPTIONAL FLANGED FRAME (FL)

Dimensions are in inches (mm)

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**8 - 20 - 13R**	**1600CSC**

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CURTAINWALL/WINDOW GLAZING ADAPTOR
EXTRUDED ALUMINUM
OPTION CODE: GA

APPLICATION:

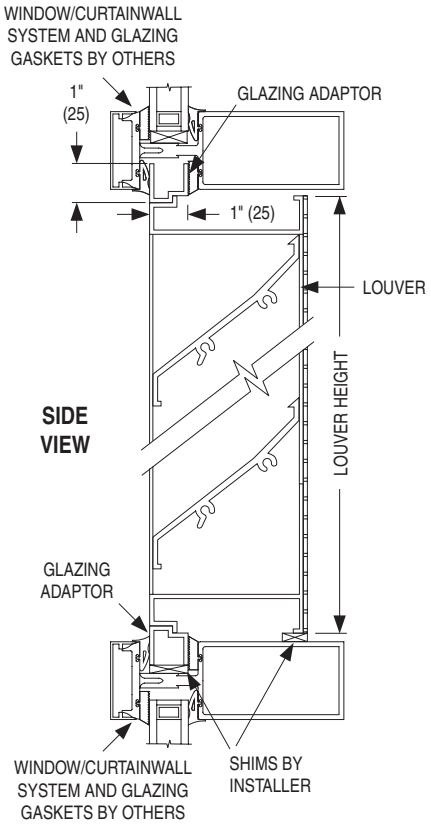
Glazing adaptor for louver installation in common curtainwall and window systems. The 1" (25) deep adaptor is factory installed onto louver frame and is suitable for use on 2" (51), 4" (102) and 6" (152) deep extruded aluminum louver models.

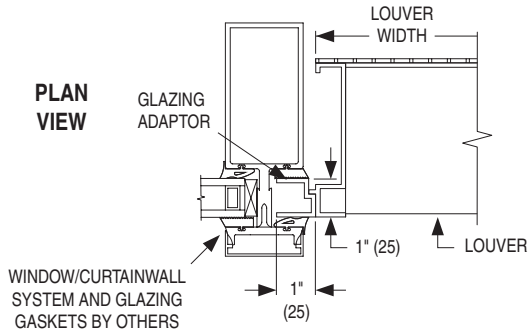
STANDARD CONSTRUCTION:

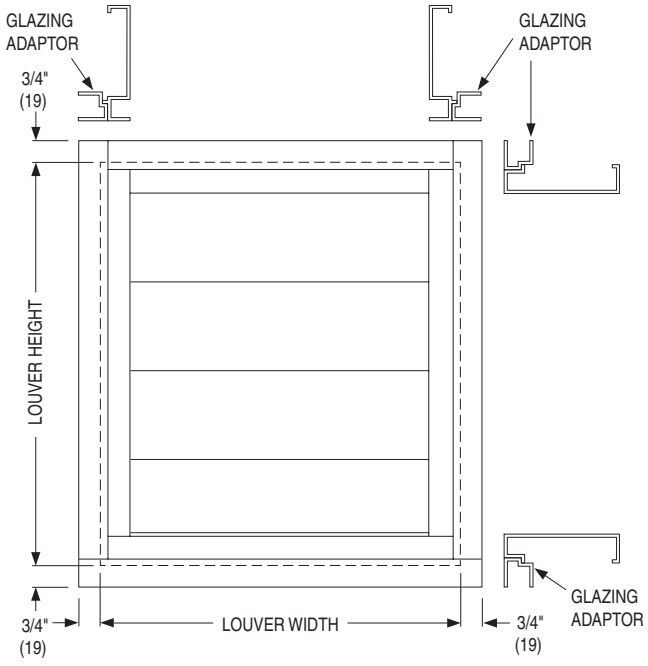
MATERIAL: Type 6063-T6 extruded aluminum, .081" (2.06) nominal thickness.

FINISH: Mill.

TYPICAL INSTALLATION:







SCHEDULE TYPE:	Dimensions are in inches (mm)			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**7 - 11 - 13**	**1600GA**

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SPECIALTY STATIONARY LOUVERS
EXTRUDED ALUMINUM
TRIANGULAR & TRAPEZOIDAL SHAPES
MODEL SERIES: 1600

Nailor specialty shape louvers are available in a variety of blade/frame designs. The following louver models are available in specialty shapes as shown:

1602J	**1604J**	**1604D**	**1606J**	**1606D**
1602K	**1604JD**	**1604DD**	**1606JD**	**1606DD**
1602D	**1604KD**	**1604Y**	**1606KD**	**1606DHP**

Note: Use of drainable blades is not recommended on certain shapes. Consult Nailor for specific applications.

PERFORMANCE:

Standard louvers are tested for water penetration and pressure drop in a square configuration only. Performance of specialty shape louvers may vary from that of standard louvers.
Specialty shape louvers are not licensed to bear the AMCA seal.

STANDARD CONSTRUCTION:

FRAME: Type 6063-T6 extruded or formed aluminum. Channel type standard. Frame profile may vary depending upon louver style and shape. Contact Nailor for specific details.

BLADES: Type 6063-T6 extruded aluminum. See applicable louver model submittal sheet for blade profile.

BLADE SUPPORT BRACKETS: Concealed type, factory installed on rear of louver as necessary. Reinforced with 1 1/2" x 2" (38 x 51) vertical angle (adds approximately 2" [51] to overall louver depth).

SCREEN: 3/4" x .051 (19 x 1.3) expanded, flattened aluminum bird screen in removable frame, inside (rear) mount (adds approximately 3/8" [10] to louver depth).

FINISH: Mill.

MINIMUM SIZE: 20" W x 16" H (508 x 406).

MAXIMUM SINGLE SECTION SIZE: 120" W x 84" H (3048 x 2134) or 84" W x 120" H (2134 x 3048). Consult Nailor for section details of specific sizes. Larger louvers will require field assembly of smaller sections.

OPTIONS:

- ❑ **FL** Flanged Frame.
- ❑ **BSSS** Type 304 S.S. Bird Screen.
- ❑ **BSN** No Bird Screen.
- ❑ **ISA** Aluminum Insect Screen.
- ❑ **ISSS** Type 304 S.S. Insect Screen.
- ❑ **PAC** Perimeter Anchor Clips.
- ❑ Other: _____ .

OPTIONAL FINISHES:

- ❑ **PC3** Powder Coat AAMA 2603. Color: _____ .
- ❑ **PC4** High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar®). Color: _____ .
- ❑ **PC5** Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70% Kynar®). Color: _____ .
- ❑ **PCC** Prime Coat.
- ❑ **AN04** Clear Anodized 204-R1.
- ❑ **AN15** Clear Anodized 215-R1.

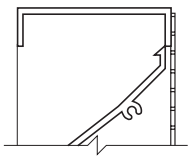
Color Anodized:

- ❑ **ANLB** Light Bronze.
- ❑ **ANDB** Dark Bronze.
- ❑ **ANMB** Medium Bronze.
- ❑ **ANBK** Black.

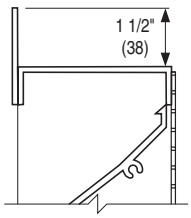
OPTIONAL W x H SIZING (1/4" [6.5] Undersize standard):

- ❑ **U00** Exact Size.
- ❑ **U38** Undersize 3/8" (9.5).
- ❑ **U50** Undersize 1/2" (12.7).

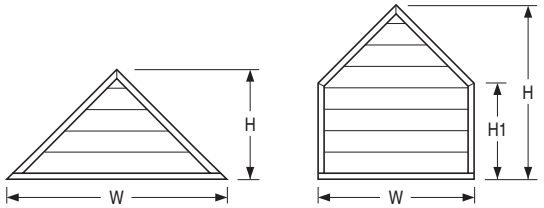
Contact Nailor for special configurations or requirements.



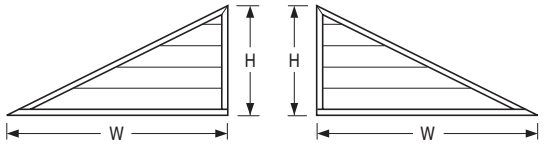
TYPICAL CHANNEL FRAME (STANDARD)



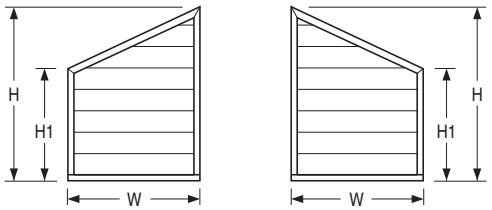
OPTIONAL FLANGED FRAME (FL)



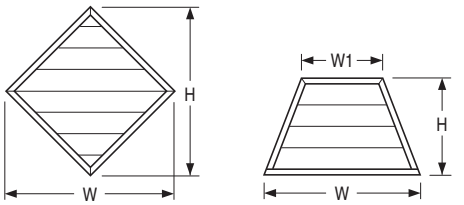
TA Triangle Isoceles **TB Arch Gable**



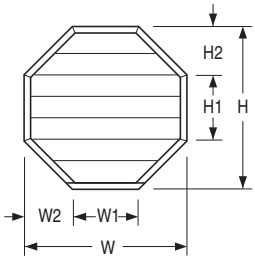
TC Triangle RA Left **TD Triangle RA Right**



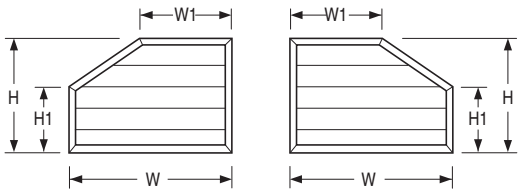
TE Quadrilateral Left **TF Quadrilateral Right**



TG Diamond/Rhombus **TH Trapezoid**



TJ Octagon



TK Left Corner **TL Right Corner**

Dimensions are in inches (mm)

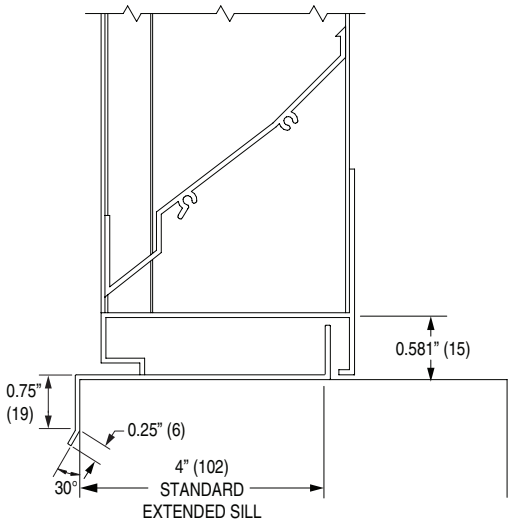
SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**8 - 20 - 13**	**1600TT**

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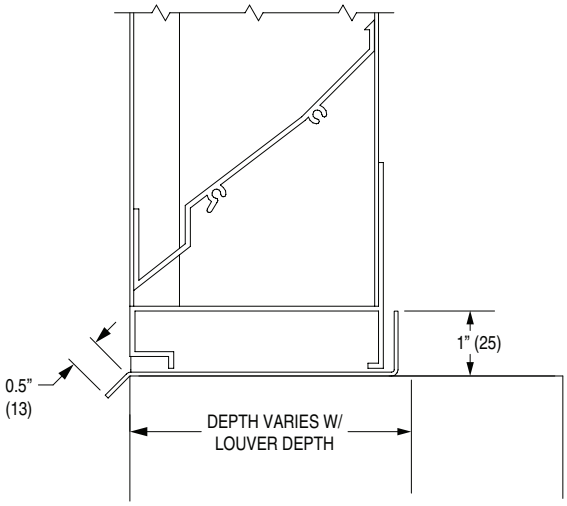
Nailor® Industries Inc.

LOUVER ACCESSORIES
MODEL SERIES: 1600 & 1700
ESI EXTENDED SILL & PASI SILL PAN

❑ **ESI** Extended Sill

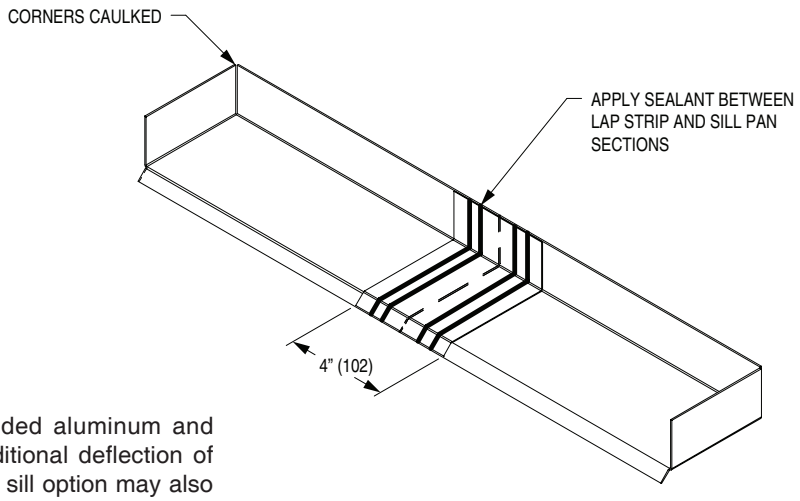


❑ **PASI** Sill Pan (Extended Sill with End Dams)



SILL PAN (Side View)

*Shipped in sections for multiple section width louvers where necessary.



APPLICATION:

Sill extensions are available on all Nailor extruded aluminum and formed steel louver models and can provide additional deflection of water away from the louver opening. An extended sill option may also provide a transition between the louver and adjacent structures.

NOTES:

1. The finish will match the louver.
2. When ordered, sill extensions are shipped loose for field installation.
3. Customization available upon request.

MATERIALS:

1. **ESI** Extended Sill 6063-T6 0.081" (2.1) thick extruded aluminum.
2. **PASI** Extended Sill 5052-H32 0.060" (1.5) thick formed aluminum

SCHEDULE TYPE:	Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**1 - 29 - 26**	**ACC-ESI**	**New**	**ACC-ESI**

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Nailor® Louver Finishes & Color Guide


Slate Blue **LF01**


Medium Bronze **LF02**


Sandstone **LF03**


Light Gray **LF04**


Charcoal **LF05**


Bone White **LF06**


Western Tan **LF07**


Architectural Bronze **LF08**


Regal Blue **LF09**


Forest Green **LF10**


Surrey Beige **LF11**


Royal Brown **LF12**


Barn Red **LF13**


Burgundy **LF14**


Clay **LF15**

Almond **LF16**


Coastal White **LF17**


Vista Green **LF18**


Black **LF19**


Gloss Black **LF20**


Campus Green **LF21**

Nailor offers 21 standard paint colors selected for architectural exterior use which meet or exceed AAMA specifications and performance requirements for color retention, chalk resistance, gloss retention, erosion, corrosion and chemical resistance as well as dry film thickness and hardness. Our state-of-the-art powder coat system provides an environment friendly finishing solution with more uniform coverage and coating thickness. The result is an exceptional finish that better resists scratching, fading and general wear. Additional liquid coat facilities for special requirements complete our ability to provide unmatched beauty and durability for any application.

Custom color matching is also available upon request. Contact your local Nailor representative.

Available Finishes

FINISH TYPE	DESCRIPTION	STANDARD WARRANTY
Fluoropolymer Powder Coat AAMA 2605-Superior Finish (AKA: Powdura® 5000, Coraflon® Powder, Interpon® D3000-Fluoromax, IFS 500FP)	**"Ultimate"** - A next generation hyper durable powder coating, based on FEVE fluoropolymer resins and ceramic pigmentation that the industry has acknowledged as the foundation for superior performance coatings. They provide a hard surface that is resistant to scratching and scuffing, with superior color and gloss retention, when applied to a variety of exterior architectural applications. This technology represents the "ultimate" in environmentally friendly finishes, with Zero-VOC emissions. A superior alternative to traditional 70% Kynar 500® / Hylar 500® PVDF fluoropolymer liquid coatings.	10 years (20 years optional)
High Performance Powder Coat AAMA 2604 - High Performance Finish (AKA: Powdura® 4000, Envirocron® Ultra Durable Powder, Dynadure™ 400, Interpon® D2000, IFS 400SD)	**"Better"** - A high performance polyester powder coating, based on "super durable" resins that utilize infrared reflective pigments, which provides excellent resistance to outdoor weathering. A harder and more environmentally friendly coating than other liquid paint counterparts and with Zero-VOC emissions. A good alternative to 50% Kynar 500® / Hylar 5000® liquid coatings.	5 years
Durable Powder Coat AAMA 2603 - Pigmented Organic Coatings (AKA: Powdura® 3000, Envirocron® Durable Powder, Dynadure™ 300, Interpon® D1000, IFS 300SP)	**"Good"** - A durable powder coat based on thermosetting polyester resin technology. Provides a good economical combination of physical and chemical resistance properties. Environmentally superior to liquid spray paints and Zero – VOC emissions.	1 year
Clear Anodize 215-R1 AA-M10C22A41 (0.7 mil. min.)	Architectural Class I. Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack. Recommended for severely corrosive and abrasive atmospheric exposure.	5 years
Clear Anodize 204-R1 AA-M10C22A31 (0.4 - 0.7 mil.)	Architectural Class II. Clear, colorless and hard oxide aluminum coating that resists weathering and chemical attack. Recommended for normal weather exposure.	1 year
Color Anodize AA-M10C22A44 (0.7 mil. min.)	Architectural Class I. "Two-step" aluminum coating process. Following a standard anodizing procedure, a second electrolytic process deposits colored metallic pigments which penetrate the aluminum oxide pores, producing a corrosion resistant, colorfast finish. Available in light, medium, dark bronze and black.	5 years
Prime Coat	Prime coat provides a stable base for painting of louvers in the field. Surface pretreatment includes degreasing and a chemical cleaning before an epoxy prime coat is applied. Finish coat should be field applied as soon as possible for best adhesion, after a thorough cleaning for dust etc. that can contaminate the final finish and cause premature flaking or peeling.	N/A

Paint finish warranties are not applicable to steel products.

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