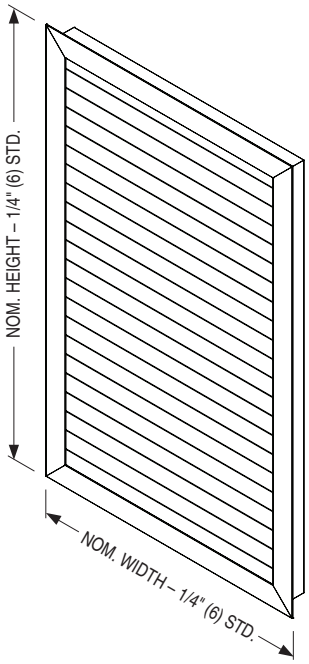
EXTRUDED ALUMINUM STATIONARY LOUVER
1 1/4" (32) DEEP • FLAT BLADE • THINLINE
MODEL: 1614TL

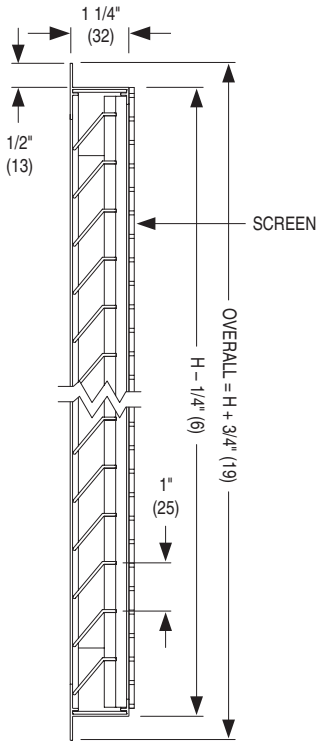
Nailor® Industries Inc.

Model 1614TL Thinline louver combines excellent performance with pleasing aesthetics, utilizing stationary flat blades designed with smooth lines that enhance any structure's exterior styling. Standard concealed architectural mullions allow for a desirable continuous blade appearance. This thinline louver delivers outstanding performance where a 2" (51), 4" (102) or 6" (152) louver is not practical. 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 1 1/4" (32) deep flanged frame that installs easily in most common wall and mechanical configurations.



STANDARD CONSTRUCTION:

FRAME:	1 1/4" (32) deep, Type 6063-T6 extruded aluminum, .060" (1.5) nominal wall thickness, 1/2" (13) integral flange.
BLADES:	Type 6063-T6 extruded aluminum, .060" (1.5) nominal wall thickness.
BLADE ANGLE:	Fixed at 45 degrees.
BLADE SPACING:	1" (25) on centers.
BLADE SUPPORT BRACKETS:	Concealed type, factory installed on rear of louver on maximum 12" (305) centers.
SCREEN:	18–16 mesh, .11 (.30) wire aluminum insect/bird screen, inside (rear) mount.
FINISH:	Mill.
MINIMUM SIZE:	6" W x 6" H (152 x 152).
MAXIMUM SINGLE SECTION SIZE:	48" W x 60" H (1219 x 1524).



OPTIONS:

- ❑ **ISSS** Type 304 Stainless Steel Insect/Bird Screen.
- ❑ 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. ❑ **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).

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
CONTRACTOR:	**2 - 17 - 22**	**1600**	**8 - 26 - 20**	**1614TL**

Dimensions are in inches (mm).

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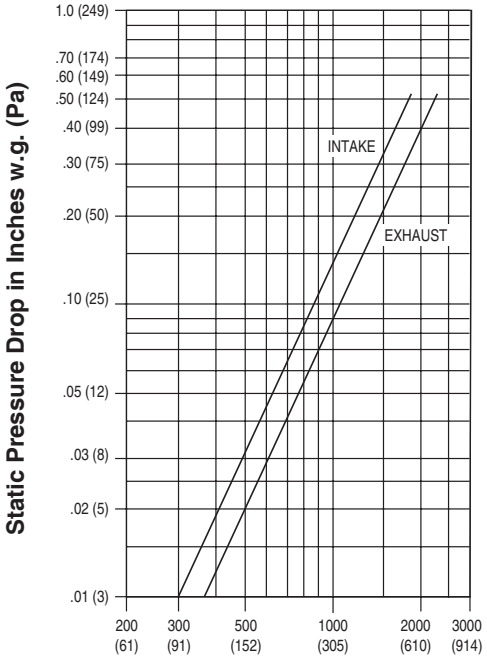
1 1/4" (32) DEEP • FLAT BLADE • THINLINE
PERFORMANCE DATA
MODEL: 1614TL

FREE AREA in Square Feet and Square Meters

Height in Inches and Waves	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
8 0.20	0.14 0.01	0.23 0.02	0.36 0.03	0.51 0.05	0.65 0.06	0.78 0.07	0.92 0.09	1.05 0.10
12 0.30	0.25 0.02	0.43 0.04	0.66 0.06	0.93 0.09	1.19 0.11	1.44 0.13	1.70 0.16	1.93 0.18
18 0.46	0.36 0.03	0.62 0.06	0.96 0.09	1.35 0.13	1.74 0.16	2.09 0.19	2.47 0.23	2.81 0.26
24 0.61	0.50 0.05	0.85 0.08	1.32 0.12	1.86 0.17	2.39 0.22	2.87 0.27	3.4 0.32	3.87 0.36
30 0.76	0.63 0.06	1.09 0.1	1.69 0.16	2.36 0.22	3.04 0.28	3.66 0.34	4.32 0.40	4.92 0.46
36 0.36	0.77 0.07	1.32 0.12	2.05 0.19	2.87 0.27	3.70 0.34	4.44 0.41	5.25 0.49	5.98 0.56
42 1.07	0.90 0.08	1.55 0.14	2.41 0.22	3.38 0.31	4.35 0.40	5.23 0.49	6.18 0.57	7.03 0.65
48 1.22	1.04 0.10	1.79 0.17	2.77 0.26	3.89 0.36	5.00 0.46	6.01 0.56	7.10 0.66	8.09 0.75
54 1.37	1.18 0.11	2.02 0.19	3.13 0.29	4.39 0.41	5.66 0.53	6.80 0.63	8.03 0.75	9.14 0.85
60 1.52	1.31 0.12	2.25 0.21	3.49 0.32	4.90 0.46	6.31 0.59	7.58 0.70	8.96 0.83	10.20 0.95
66 1.68	1.45 0.13	2.48 0.23	3.85 0.36	5.41 0.50	6.96 0.65	8.37 0.78	9.88 0.92	11.25 1.05
72 1.83	1.58 0.15	2.72 0.25	4.21 0.39	5.91 0.55	7.61 0.71	9.15 0.85	10.81 1.00	12.31 1.14
78 1.98	1.72 0.16	2.95 0.27	4.58 0.43	6.42 0.60	8.27 0.77	9.94 0.92	11.74 1.09	13.36 1.24
84 2.13	1.86 0.17	3.18 0.30	4.94 0.46	6.93 0.64	8.92 0.83	10.72 1.00	12.67 1.18	14.42 1.34
90 2.29	1.99 0.18	3.42 0.32	5.30 0.49	7.44 0.69	9.57 0.89	11.51 1.07	13.59 1.26	15.48 1.44
96 2.44	2.13 0.20	3.65 0.34	5.66 0.53	7.94 0.74	10.23 0.95	12.29 1.14	14.52 1.35	16.53 1.54

PRESSURE DROP



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

Louver test size: 24" x 24" (610 x 610 mm). Standard air density @ 0.075 lbs/ft³.

SCHEDULE TYPE:	Page 2 of 2			
PROJECT:	Dimensions are in inches (mm).			
ENGINEER:	**DATE**	**B SERIES**	**SUPERSEDES**	**DRAWING NO.**
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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**

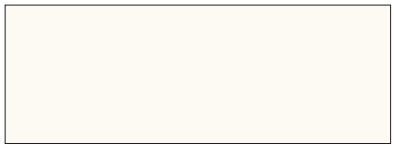

Royal Brown **LF12**


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)	**"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 new alternative to traditional 70% Kynar 500® / Hylar 500® PVDF fluoropolymer liquid coatings.	10 years (Consult Nailor for availability of extended warranty)
High Performance Powder Coat AAMA 2604 − High Performance Finish (AKA: Powdura® 4000, Envirocron® Ultra Durable Powder, Dynadure™ 400, Interpon® D2000)	**"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)	**"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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