

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:

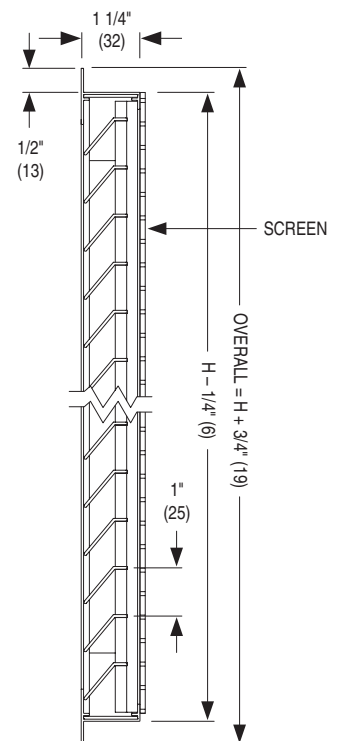
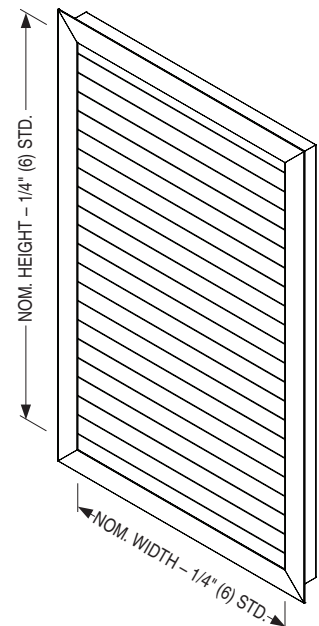
- ☐ **PC3** Powder Coat AAMA 2603. Color: _____.
- ☐ **PC4** High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar[®]). Color: _____.
- ☐ **PC5** Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70% Kynar[®]). Color: _____.
- ☐ **PCC** Prime Coat.
- ☐ **AN04** Clear Anodized 204-R1.
- ☐ **AN15**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

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 Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
10 - 12 - 26	1600	9 - 12 - 22	1614TL

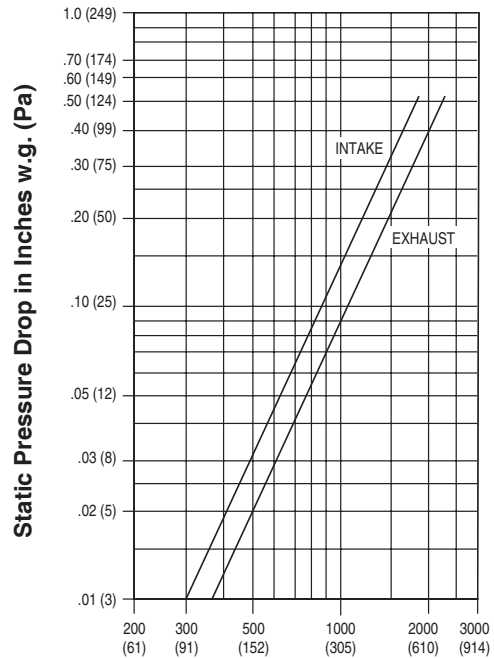


EXTRUDED ALUMINUM STATIONARY LOUVER **1 1/4" (32) DEEP • FLAT BLADE • THINLINE** **PERFORMANCE DATA** **MODEL: 1614TL**

FREE AREA in Square Feet and Square Meters

		Width in Inches and Meters							
		8	12	18	24	30	36	42	48
		0.20	0.30	0.46	0.61	0.76	0.91	1.07	1.22
Height in Inches and Meters	8	0.14	0.23	0.36	0.51	0.65	0.78	0.92	1.05
	0.20	0.01	0.02	0.03	0.05	0.06	0.07	0.09	0.10
	12	0.25	0.43	0.66	0.93	1.19	1.44	1.70	1.93
	0.30	0.02	0.04	0.06	0.09	0.11	0.13	0.16	0.18
	18	0.36	0.62	0.96	1.35	1.74	2.09	2.47	2.81
	0.46	0.03	0.06	0.09	0.13	0.16	0.19	0.23	0.26
	24	0.50	0.85	1.32	1.86	2.39	2.87	3.4	3.87
	0.61	0.05	0.08	0.12	0.17	0.22	0.27	0.32	0.36
	30	0.63	1.09	1.69	2.36	3.04	3.66	4.32	4.92
	0.76	0.06	0.1	0.16	0.22	0.28	0.34	0.40	0.46
	36	0.77	1.32	2.05	2.87	3.70	4.44	5.25	5.98
	0.91	0.07	0.12	0.19	0.27	0.34	0.41	0.49	0.56
	42	0.90	1.55	2.41	3.38	4.35	5.23	6.18	7.03
	1.07	0.08	0.14	0.22	0.31	0.40	0.49	0.57	0.65
	48	1.04	1.79	2.77	3.89	5.00	6.01	7.10	8.09
	1.22	0.10	0.17	0.26	0.36	0.46	0.56	0.66	0.75
	54	1.18	2.02	3.13	4.39	5.66	6.80	8.03	9.14
	1.37	0.11	0.19	0.29	0.41	0.53	0.63	0.75	0.85
	60	1.31	2.25	3.49	4.90	6.31	7.58	8.96	10.20
	1.52	0.12	0.21	0.32	0.46	0.59	0.70	0.83	0.95

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.

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