

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:**

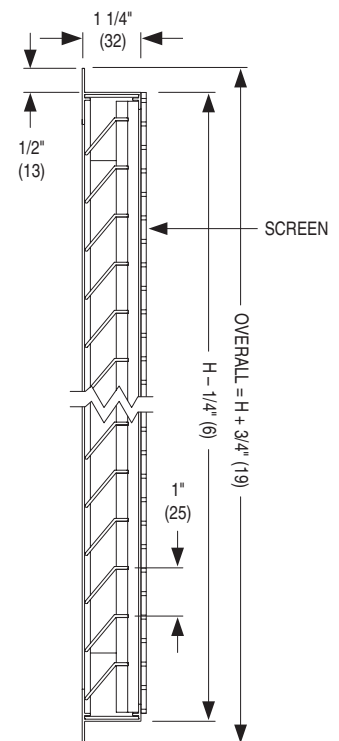
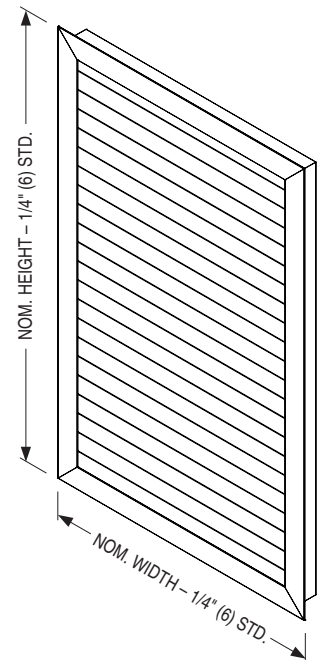
- PC3** Powder Coat AAMA 2603. Color: \_\_\_\_\_ .
- PC4** High Performance Powder Coat AAMA 2604 (Equivalent to 50% Kynar<sup>®</sup>). Color: \_\_\_\_\_ .
- PC5** Fluoropolymer Powder Coat AAMA 2605 (Equivalent to 70% Kynar<sup>®</sup>). Color: \_\_\_\_\_ .
- PCC** Prime Coat.
- AN04** Clear Anodized 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:**

 Page 1 of 2  
 Dimensions are in inches (mm).

**DATE**
**B SERIES**
**SUPERSEDES**
**DRAWING NO.**

2 - 17 - 22

1600

8 - 26 - 20

1614TL

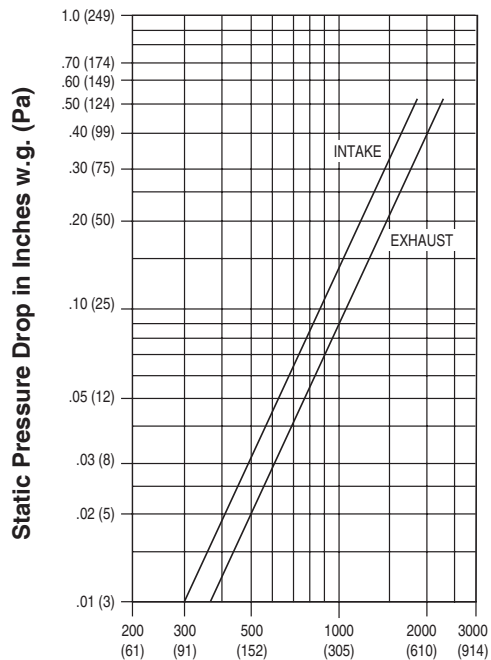


**EXTRUDED ALUMINUM STATIONARY LOUVER**  
**1 1/4" (32) DEEP • FLAT BLADE • THINLINE**  
**PERFORMANCE DATA**  
**MODEL: 1614TL**

**FREE AREA in Square Feet and Square Meters**

|                            |      | Width in Inches and Meters |      |      |       |       |       |       |      |
|----------------------------|------|----------------------------|------|------|-------|-------|-------|-------|------|
|                            |      | 8                          | 12   | 18   | 24    | 30    | 36    | 42    | 48   |
| Height in Inches and Waves | 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 |
|                            | 0.36 | 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  |      |
| 66                         | 1.45 | 2.48                       | 3.85 | 5.41 | 6.96  | 8.37  | 9.88  | 11.25 |      |
| 1.68                       | 0.13 | 0.23                       | 0.36 | 0.50 | 0.65  | 0.78  | 0.92  | 1.05  |      |
| 72                         | 1.58 | 2.72                       | 4.21 | 5.91 | 7.61  | 9.15  | 10.81 | 12.31 |      |
| 1.83                       | 0.15 | 0.25                       | 0.39 | 0.55 | 0.71  | 0.85  | 1.00  | 1.14  |      |
| 78                         | 1.72 | 2.95                       | 4.58 | 6.42 | 8.27  | 9.94  | 11.74 | 13.36 |      |
| 1.98                       | 0.16 | 0.27                       | 0.43 | 0.60 | 0.77  | 0.92  | 1.09  | 1.24  |      |
| 84                         | 1.86 | 3.18                       | 4.94 | 6.93 | 8.92  | 10.72 | 12.67 | 14.42 |      |
| 2.13                       | 0.17 | 0.30                       | 0.46 | 0.64 | 0.83  | 1.00  | 1.18  | 1.34  |      |
| 90                         | 1.99 | 3.42                       | 5.30 | 7.44 | 9.57  | 11.51 | 13.59 | 15.48 |      |
| 2.29                       | 0.18 | 0.32                       | 0.49 | 0.69 | 0.89  | 1.07  | 1.26  | 1.44  |      |
| 96                         | 2.13 | 3.65                       | 5.66 | 7.94 | 10.23 | 12.29 | 14.52 | 16.53 |      |
| 2.44                       | 0.20 | 0.34                       | 0.53 | 0.74 | 0.95  | 1.14  | 1.35  | 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/ft<sup>3</sup>.

|                       |                                |                 |                   |                    |
|-----------------------|--------------------------------|-----------------|-------------------|--------------------|
| <b>SCHEDULE TYPE:</b> | Page 2 of 2                    |                 |                   |                    |
| <b>PROJECT:</b>       | Dimensions are in inches (mm). |                 |                   |                    |
| <b>ENGINEER:</b>      | <b>DATE</b>                    | <b>B SERIES</b> | <b>SUPERSEDES</b> | <b>DRAWING NO.</b> |
| <b>CONTRACTOR:</b>    | 2 - 17 - 22                    | 1600            | 8 - 26 - 20       | 1614TL             |