Model 1604AD adjustable, drainable blade type louver combines superior weather protection and architecturally pleasing aesthetics with airflow control including tight shut-off. Suitable for use in exhaust and low to medium velocity intake applications, the design features a drainable blade with rain gutters that divert collected water down concealed side downspouts and out the sill. The blades can be operated manually or with an actuator to provide tight shut-off when desired. Blades are reinforced with full length integral bosses for superior strength and the design exhibits low pressure drop characteristics throughout the airflow range. Model 1604AD provides adjustable flexibility as well as maximum protection against the elements.

STANDARD CONSTRUCTION:

FRAME: 4" (102) deep, Type 6063-T5 extruded aluminum, .080" (2.03) nominal wall thickness. Integral downspouts and caulking slot provided.

BLADES: Type 6063-T5 extruded aluminum, .080" (2.03) nominal wall thickness, with reinforcing bosses.

BLADE SPACING: Approx. 4" (102) on centers, at 37 1/2° angle (fully open).

JAMB SEALS: Compression type cambered metal.

AXLES: 1/2" (13) dia. plated steel.

BEARINGS: 1/2" (13) dia. stainless steel sleeve type.


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).

ACTUATOR: Hand locking louver quadrant.

FINISH: Mill.

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

MAX. SINGLE SECTION SIZE: 48" W x 96" H (1219 x 2438) (With Blade and/or Jamb Seals).

OPTIONS:

- FL Flanged Frame.
- BPV PVC Blade Seals.
- JSN No Jamb Seals.
- BSSS Type 304 S. S. Bird Screen.
- BSN No Bird Screen.
- ISA Aluminum Insect Screen. Specify: ______________ .
- ISSS Type 304 S. S. Insect Screen.
- WE Welded Construction.

OPTIONAL FINISHES:

- 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).
## Extruded Aluminum Adjustable Louver

### 4" (102) Deep • Drainable Blade

**Performance Data**

**Model:** 1604AD

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice. 1604AD February, 2011.

### Dimensions

<table>
<thead>
<tr>
<th>Height in Inches and Meters</th>
<th>Width in Inches and Meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>FREE AREA in Square Feet and Square Meters</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>18</td>
</tr>
<tr>
<td>0.30</td>
<td>0.46</td>
</tr>
<tr>
<td>2.0</td>
<td>3.0</td>
</tr>
<tr>
<td>(100)</td>
<td>(152)</td>
</tr>
</tbody>
</table>

### Airflow/Water Penetration Data

*for 48" x 48" (1219 x 1219) Louver Size*

### Air Pressure Drop

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

<table>
<thead>
<tr>
<th>Pressure Drop in Inches w.g. (Pa)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.04 (1.0)</td>
</tr>
</tbody>
</table>

### Leakage in CFM/ft² (L/s/m²)

Leakage in CFM/ft² (L/s/m²) for 48" x 48" (1219 x 1219) Louver Size with blade and jamb seals.