Model 1606JD is an architecturally styled 6" (152) deep louver designed with smooth, clean lines that visually complement any structure’s exterior styling. Available in channel or flanged type, the 6" (152) deep frame installs easily in most common wall configurations. The drainable head feature utilizes a top gutter that collects the water running down the building face and channels it out the concealed downsputs in the side frame, thus preventing it from flowing down into the airstream. 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. Model 1606JD is engineered to be architecturally appealing as well as mechanically enduring.

STANDARD CONSTRUCTION:

FRAME: 6" (152) deep, Type 6063-T5 extruded aluminum, .080" (2.03) nominal wall thickness. Integral caulking slot provided.

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

BLADE ANGLE: Fixed at 37 degrees.

BLADE SPACING: Approx. 5.5" (140) on centers.

BLADE SUPPORT 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 type allowing continuous line appearance up to 120" (3048) wide. Larger assemblies require separate visible frames with downsputs.

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 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.
- BS9 Type 304 S.S. Bird Screen.
- BSN No Bird Screen.
- ISA Aluminum Insect Screen.
- ISSS Type 304 S.S. Insect Screen.
- WE Welded Construction.

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).
### Extruded Aluminum Stationary Louver

**6" (152) Deep • J Blade • Drainable Head**

**Performance Data**

**Model: 1606JD**

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#### Schedule Type:

- Project:
- Engineer:
- Contractor:

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#### Dimensions are in inches (mm).

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

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#### Page 2 of 3

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**EXTRUDED ALUMINUM STATIONARY LOUVER**

**6" (152) DEEP • J BLADE • DRAINABLE HEAD PERFORMANCE DATA**

**MODEL: 1606JD**

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**AIRFLOW/WATER PENETRATION DATA**

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Free Area %</td>
<td>47%</td>
</tr>
<tr>
<td>Free Area sq. ft (sq. m.)</td>
<td>7.45 (0.69)</td>
</tr>
<tr>
<td>Intake Air Volume at 1250 fpm (381 m/min.)</td>
<td>9313 cfm (4395 l/s)</td>
</tr>
<tr>
<td>Air Volume at 1250 fpm</td>
<td>Free Area Velocity</td>
</tr>
<tr>
<td></td>
<td>21 in. w.g. (52 Pa)</td>
</tr>
</tbody>
</table>

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

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**PRESSURE DROP**

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

<table>
<thead>
<tr>
<th>Louver test size: 48&quot; x 48&quot; (1219 x 1219 mm).</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard air density @ 0.075 lbs/ft³.</td>
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<tr>
<td>Tested to AMCA Fig. 5.5 – 6.5.</td>
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**SCHEDULE TYPE:**

**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**

<table>
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<tr>
<th>DATE</th>
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<th>SUPERSEDES</th>
<th>DRAWING NO.</th>
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<td>1600</td>
<td>10 - 1 - 12</td>
<td>1606JD</td>
</tr>
</tbody>
</table>

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