Nailor Model 1606DHP is designed to provide excellent weather protection in non-wind driven rain conditions. With its high free area and water penetration velocity, this louver offers a blend of air performance and aesthetics that compliment any structure’s exterior styling. The drainable head feature is enhanced by the drainable blade design which utilizes additional rain gutters that divert collected water through concealed side downspouts. Blades are reinforced with full length integral bosses for superior strength. Suitable for use in exhaust and low to medium velocity intake applications where water penetration concerns are a priority. Available in channel, flanged or glazing adapter type, the 6" (152) deep frame installs easily in most common wall configurations.

STANDARD CONSTRUCTION:

FRAME: 6" (152) 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 ANGLE: Fixed at 31 degrees.

BLADE SPACING: Approximately 4" (102) on centers.

BLADE SUPPORT BRACKETS: Concealed type, factory installed on rear of louver on maximum 48" (1219) 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 downspouts.

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).

SECTION SIZE: Larger louvers will require field assembly of smaller sections.

OPTIONS:

- FL Flanged Frame.
- BSSS 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).

Nailor Industries Inc. reserves the right to change any information concerning product or pricing without notice.
### FREE AREA in Square Feet and Square Meters

<table>
<thead>
<tr>
<th>Height in Inches and Meters</th>
<th>Width in Inches and Meters</th>
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</thead>
<tbody>
<tr>
<td>12</td>
<td>18</td>
</tr>
<tr>
<td>0.30</td>
<td>0.51</td>
</tr>
<tr>
<td>0.30</td>
<td>0.51</td>
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<tr>
<td>0.30</td>
<td>0.51</td>
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<tr>
<td>0.30</td>
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<tr>
<td>0.60</td>
<td>0.98</td>
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<tr>
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<tr>
<td>0.90</td>
<td>1.47</td>
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<tr>
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EXTRUDED ALUMINUM STATIONARY LOUVER
6" (152) DEEP • HIGH PERFORMANCE
DRAINABLE BLADE • PERFORMANCE DATA
MODEL: 1606DHP

AIRFLOW/WATER PENETRATION DATA
for 48" x 48" (1219 x 1219) Louver Size

<table>
<thead>
<tr>
<th>Free Area %</th>
<th>60%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Free Area sq. ft. (sq. m.)</td>
<td>9.65 (0.90)</td>
</tr>
<tr>
<td>Free Area Velocity at Point of Beginning Water Penetration at .01 oz./sq. ft. (3 ml/sq. m) (15 min. test duration)</td>
<td>1186 fpm (361 m/min)</td>
</tr>
<tr>
<td>Air Volume at 1186 fpm</td>
<td>11,445 cfm (5401 l/s)</td>
</tr>
<tr>
<td>Pressure Drop @ 1186 fpm</td>
<td>.19 in. w.g. (47 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.

Nailor Industries Inc. certifies the Model 1606DHP shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. Seal applies to air performance ratings and water penetration ratings.

Pressure Drop

Air Velocity in Feet (Meters) Per Minute Through Free Area
Louver test size: 48" x 48" (1219 x 1219 mm).
Standard air density @ 0.075 lbs/ft³.
Tested to AMCA Fig. 5.5 - 6.5.