MODEL: 2590
FRAME: CHANNEL FRAME
DUCT-MOUNT (DM)

PERFORMANCE

<table>
<thead>
<tr>
<th>LOUVER UNIT SIZE</th>
<th>TOTAL AREA</th>
<th>FREE AREA</th>
<th>FREE AREA</th>
</tr>
</thead>
<tbody>
<tr>
<td>48&quot; x 48&quot;</td>
<td>16 ft²</td>
<td>7.51 ft²</td>
<td>46.9%</td>
</tr>
</tbody>
</table>

(1219 x 1219 mm)

STANDARD CONSTRUCTION

DEPTH: 5 1/16" (129 mm)
MATERIAL: EXTRUDED ALUMINUM - 6063-T5 ALLOY
FRAME THICKNESS: 0.061" (1.65 mm)
BLADE THICKNESS: 0.065" (1.65 mm)
BLADE ANGLE: 40°
BLADE CENTRES: 2.75" (70 mm)
BIRDScreen: 19 GA. GALVANIZED BIRDScreen - 1/8" x 1/8" OPENINGS
FINISH: MILL

SIZE LIMITATIONS: SINGLE SECTION LOUVER

<table>
<thead>
<tr>
<th>WIDTH</th>
<th>MINIMUM</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>305 mm</td>
<td>60&quot; (1524 mm)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>MINIMUM</th>
<th>MAXIMUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>305 mm</td>
<td>120&quot; (3048 mm)</td>
</tr>
</tbody>
</table>

AREA
<table>
<thead>
<tr>
<th>1 ft²</th>
<th>0.09 m²</th>
</tr>
</thead>
<tbody>
<tr>
<td>46 ft²</td>
<td>4.65 m²</td>
</tr>
</tbody>
</table>

“LOUVER WILL BE MANUFACTURED 1/4" (6.4 mm) SMALLER (SINGLE SECTION) AND 1/2" (12.7 mm) SMALLER (MULTIPLE SECTION) THAN GIVEN OPENING DIMENSIONS UNLESS OTHERWISE SPECIFIED

AVAILABLE ACCESSORIES

FINISH:
- POLYESTER POWDER COAT
- DURANAR FINISH
- ANODIZED FINISH
  - CLEAR ANODIZED
  - LIGHT BRONZE
  - MEDIUM BRONZE
  - DARK BRONZE
  - BLACK ANODIZED

- EXTENDED SILLS
- SECURITY BARS
- FILTER RACKS
- STAINLESS STEEL FASTENERS
- HINGED ACCESS DOORS
- ALL WELDED CONSTRUCTION
- CONTINUOUS LINE CONSTRUCTION IS NOT AVAILABLE*

SCREENS:
- BIRDScreen
  - 1/2" x 1/2" INTER CRIMPED ALUMINUM
  - ALUMINUM BIRDScreen WITH FRAME
  - INSECT SCREEN
  - 18 x 14 MESH

BLANK-OFF PANELS (ALUMINUM): VARIOUS GAUGES
- NON-INSULATED BLANK-OFF PANELS
  - 1" (25.4 mm) INSULATION
  - 2" (50.8 mm) INSULATION
- INSULATED BLANK-OFF PANELS
  - 1" (25.4 mm) INSULATION
  - 2" (50.8 mm) INSULATION

DWG. 2590  FEBRUARY 2015

195 HEALEY ROAD  |  BOLTON, ON. L7E 5B2  |  TEL (905) 857-4700  |  FAX (905) 857-4730  |  1-800-668-7214  |  www.ventexinc.com
### RECOMMENDED SPECIFICATION

Furnish and install stationary louver model 2590 as manufactured by Ventex Inc., Bolton, Ontario. Louvers must be licensed to bear the AMCA seal. Louvers shall be 5-1/16" (129 mm) deep. Blades shall be 0.065" (1.65 mm) extruded 6063-T5 aluminum alloy and frame shall be 0.081" (2.06 mm) extruded 6063-T5 aluminum alloy. Louvers shall have 19 gauge galvanized 3/16 x 1/2 birdscreen. All materials shall be factory finished after assembly with Polyester Powder Coat in a colour selected from the Ventex Colour Chart.

### CERTIFIED RATINGS

Ventex Inc. certifies that the model 2590 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. The AMCA Certified Ratings seal applies to Wind-Driven Rain and Air Performance ratings.