LOUVERS & BACK DRAFT DAMPERS

MODEL: 2430
FRAME: CHANNEL FRAME
DUCT-MOUNT (DM)

MODEL: 2435
FRAME: FLANGE FRAME
FLANGE-MOUNT (FM)

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>9.06 ft²</td>
<td>56.6%</td>
</tr>
</tbody>
</table>

(1219 x 1219 mm) (1.49 m²) (0.84 m²)

BEGINNING POINT OF WATER PENETRATION AT 0.01 oz./ft² FREE AREA: 896 FPM

STANDARD CONSTRUCTION

DEPTH: 4" (102 mm)
MATERIAL: EXTRUDED ALUMINUM - 6063-T5 ALLOY
FRAME THICKNESS: 0.081" (2.06 mm)
BLADE THICKNESS: 0.081" (2.06 mm)
BLADE ANGLE: 35°
BLADE CENTRES: 3.5" (89 mm)
BIRDSCREEN: 19 GA. GALVANIZED BIRDSCREEN - 1/2" x 1/2" OPENINGS
FINISH: MILL

SIZE LIMITATIONS: SINGLE SECTION LOUVER

<table>
<thead>
<tr>
<th>WIDTH</th>
<th>MINIMUM</th>
<th>MAXIMUM</th>
</tr>
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<tbody>
<tr>
<td>12&quot; (305 mm)</td>
<td>12&quot; (305 mm)</td>
<td></td>
</tr>
<tr>
<td>72&quot; (1829 mm)</td>
<td>72&quot; (1829 mm)</td>
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</tbody>
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<table>
<thead>
<tr>
<th>HEIGHT</th>
<th>MINIMUM</th>
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<tbody>
<tr>
<td>12&quot; (305 mm)</td>
<td>12&quot; (305 mm)</td>
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</tr>
<tr>
<td>120&quot; (3048 mm)</td>
<td>120&quot; (3048 mm)</td>
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<thead>
<tr>
<th>AREA</th>
<th>MINIMUM</th>
<th>MAXIMUM</th>
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<tbody>
<tr>
<td>1 ft² (0.09 m²)</td>
<td>1 ft² (0.09 m²)</td>
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<tr>
<td>60 ft² (5.57 m²)</td>
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*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:
- BAKED ENAMEL FINISH
- DURANAR FINISH
- ANODIZED FINISH
  - CLEAR ANODIZED
  - LIGHT BRONZE
  - MEDIUM BRONZE
  - DARK BRONZE
  - BLACK ANODIZED

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

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

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

DWG. 2430 / 2435 JUNE 2020

222 CHURCH ST S | ALLISTON, ON. L9R 2B7 | TEL (905) 857-4700 | FAX (905) 857-4730 | 1-800-668-7214 | www.ventexinc.com
**FREE AREA (Sq. Ft.)**

<table>
<thead>
<tr>
<th>HEIGHT (INCHES)</th>
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<tbody>
<tr>
<td>12</td>
<td>16</td>
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<td>20</td>
<td>24</td>
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<td>28</td>
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<td>52</td>
<td>56</td>
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<tr>
<td>60</td>
<td>64</td>
</tr>
<tr>
<td>68</td>
<td>72</td>
</tr>
</tbody>
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**WATER PENETRATION - 2430 / 2435**

15 MINUTE DURATION. TEST SIZE 48" X 48".

**PRESSURE DROP 2430 / 2435**

FIGURE 5 TEST SIZE 48" X 48".

**RECOMMENDED SPECIFICATION**

Furnish and install stationary louver models 2430 / 2435 as manufactured by Ventex Inc, Bolton, Ontario. Louvers must be licensed to bear the AMCA seal. Louvers shall be 4" (102 mm) deep. Blades shall be 0.081" (2.06 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 1/8" x 1/8" birdscreen. All materials shall be factory finished after assembly with Polyester Power Coat in a color selected from the Ventex Color Chart.

**CERTIFIED RATINGS**

Ventex Inc. certifies that the models 2430 / 2435 shown here are 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 Certified Ratings Seal applies to air performance and water penetration ratings.

**DATA CORRECTED TO STANDARD AIR DENSITY @ 0.075 LBS/FT².**

*TEST RESULTS DO NOT INCLUDE THE EFFECTS OF BIRDSCREEN*