

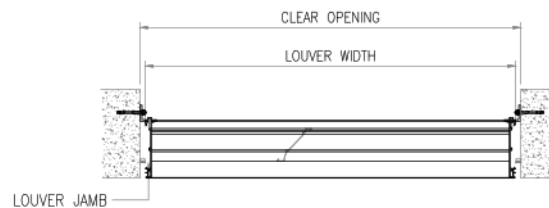
# Model—SL-440PF

7.5" (190.5mm) DEEP HORIZONTAL FIXED BLADE LOUVER WITH PERFORATED SHEET

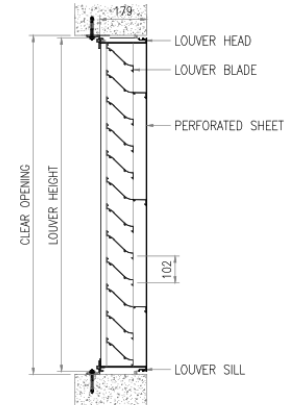


## PERFORMANCE

- Free Area: **57%**, based on a test sample of 48in (1219.2mm) x 48in (1219.2mm)
- Free Area Velocity at Beginning Point of Water Penetration: **879 fpm (4.47 m/s)**
- Air Volume Flow Rate at Beginning Point of Water Penetration: **7,956 cfm (3.75 m<sup>3</sup>/s)**
- Pressure Drop at Beginning Point of Water Penetration: **0.12 in. H<sub>2</sub>O (30 Pa)**
- Pressure Drop at 1000 fpm Free Area Velocity: **0.15 in. H<sub>2</sub>O (37 Pa)**



SECTION A



SECTION B

## Suggested Specifications:

General: Furnish and install where indicated on drawings 7.5" (190.5mm) High Performance Rain Defense Louver Model with Perforated Sheet as manufactured by Ontario Specialty Architectural Products.

## System Description:

OSA Rain high performance series; extruded aluminum construction; frame with channel profile; corner joints mitered and mechanically fastened, with continuous recessed caulking channel each side; intermediate mullions matching frame; gutters; rated for an air performance and water penetration maintained effectiveness rate tested in accordance with AMCA 500-L.

## Material & Finishes:

1. SL-440PF comprises
  - a. Blades: 102 mm deep Horizontal Fixed Blade
  - b. Frame depth: 7.5" (190.5 mm) deep
  - c. Facing: Aluminium Perforated Sheet
2. Metal Thickness: Frame 0.081 inch (2 mm); blades 0.067 inch (1.7 mm)
3. Finish: PE-SDF / PVDF / Anodize after fabrication
4. Color: As scheduled
5. Mullions: Concealed or Exposed
6. Screens: Bird mesh / Insect mesh
7. Screen location: Interior
8. Screening Material: Aluminium / Stainless Steel

## Louver Construction:

1. Wind Load Resistance: Design to resist +ve and -ve wind load of \_\_\_ psf (\_\_\_ kPa) without damage or permanent deformation.
2. Blades: One piece extrusions with reinforcing bosses, supported and lined up with heavy-gage extruded aluminum blade braces, positively interlocked to each blade and mechanically secured to structure by aluminum and stainless steel fastenings.
3. Exposed edges and ends of metal dressed smooth, free from sharp edges.
4. Exposed connections and joints constructed to exclude water.

## Optional Accessories:

- Extended Sill Flashing
- Insulated and Non-insulated Bank-off Panels
- Sub-frames
- Visible Mullions
- Invisible mullions for continuous blade and appearance.

## Warranty:

OSA louvers warranted for 2 years against defective material and workmanship, and 20 Years for Finishes.

