**LOUVERS**

**Gravity Air Louvers - GAL**

The gravity air louver is a wall-mounted device. It is composed of a set of horizontally mounted blades; they are normally closed and are free to rotate about the horizontal axis. The blades & frame are manufactured from aluminum extruded profiles. Horizontally mounted blades are available with bushes. Free area ratio (approx.) = 0.82 for 100% open blades.

To calculate the air flow rate:

\[
\text{CFM} = 0.82 \times A \text{ (in”)} \times B \text{ (in”)} \times \text{Face velocity (fpm)}
\]

\[
\text{L/S} = 0.82 \times A \text{ (mm)} \times B \text{ (mm)} \times \text{Face velocity (m/s)}
\]

**Ordering Key:**

- **GAL**: Gravity Air Louver without bushes
- **GALS**: Gravity Air Louver with bushes
- **CR**: With connecting rod on blades
- **IS**: With G.I. insect screen
- **SSWM**: With Stainless steel wire mesh
- **SIZE**: Width x height

**2000 MM x 2000 MM IS MAXIMUM SINGLE SECTION SIZE**

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**4 Inch Exhaust Air Louvers - EAL-4**

The well mounted exhaust air louver EAL-4 is a weather proof external cover for air inlet and discharge openings.

The exhaust air louver is composed of a set of blades made of 2MM aluminum extruded profile arranged in 45 degree in horizontal rows and inclined downward to protect against rain water.

The exhaust air louver is used in cooling, heating and air ventilation applications for intake & discharge.

Frame depth 100MM, spacing 103MM & blade angle 45º

**Ordering Key:**

- **EAL**: Exhaust Air Louver with 4 Inch Depth
- **IS**: With G.I. Insect Screen
- **SSWM**: With Stainless Steel Wire Mesh
- **SIZE**: Width x Height

**2000 MM x 2000 MM IS MAXIMUM SINGLE SECTION SIZE**

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