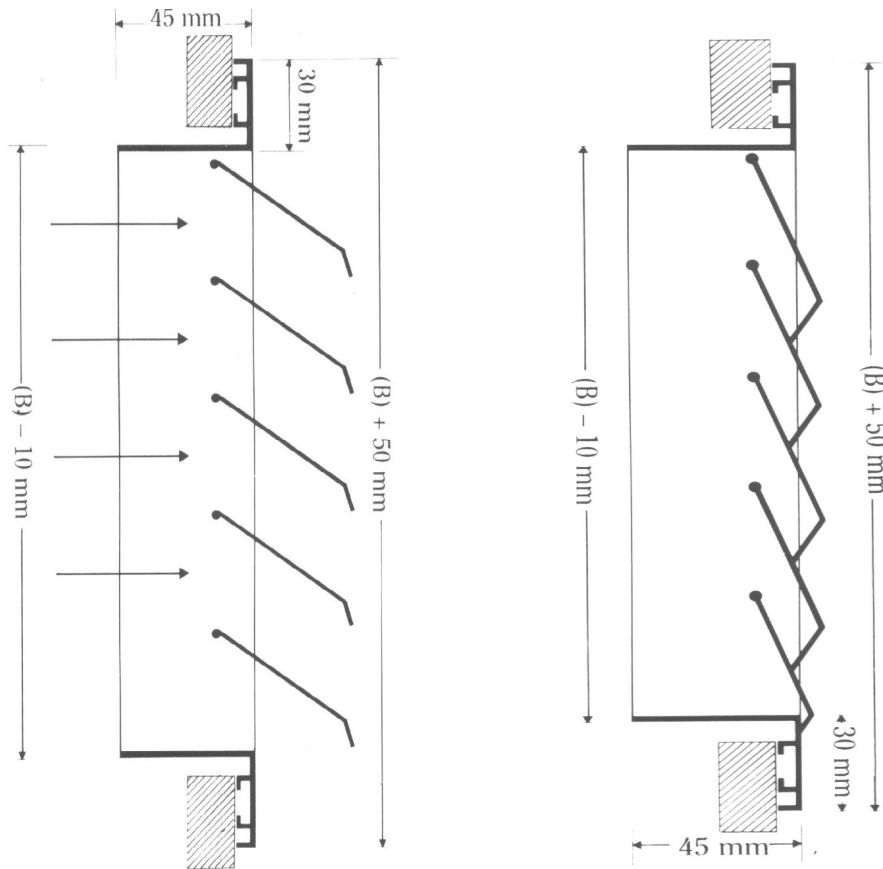
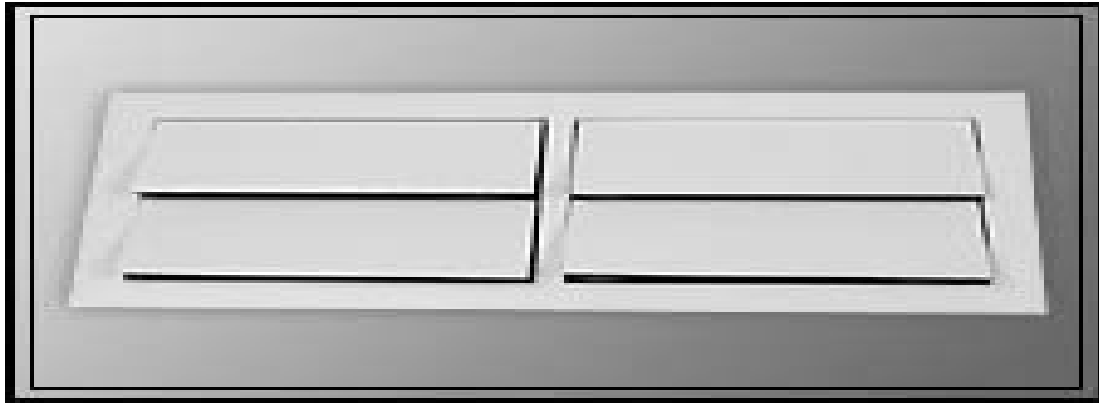


## GRAVITY AIR LOUVERS



- 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 are manufactured from light weight aluminium sheets, the frame is manufactured from extruded aluminium bars.

# Louvers



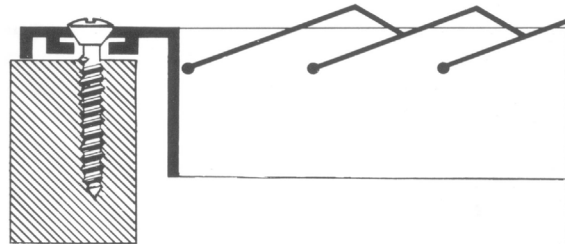
## GRAVITY AIR LOUVERS

- The gravity louver is an air operated device. It is better known as a non return valve, it allows the air to pass in one direction only.

Standard Sizes:  
(Use any combination of width & length)

Width (B) (mm)	Length (A) (mm)
150	150
200	200
300	300
400	400
500	500
600	600
700	700
800	800
900	900
1000	1000

## Type of Fixing: Screw Fixing

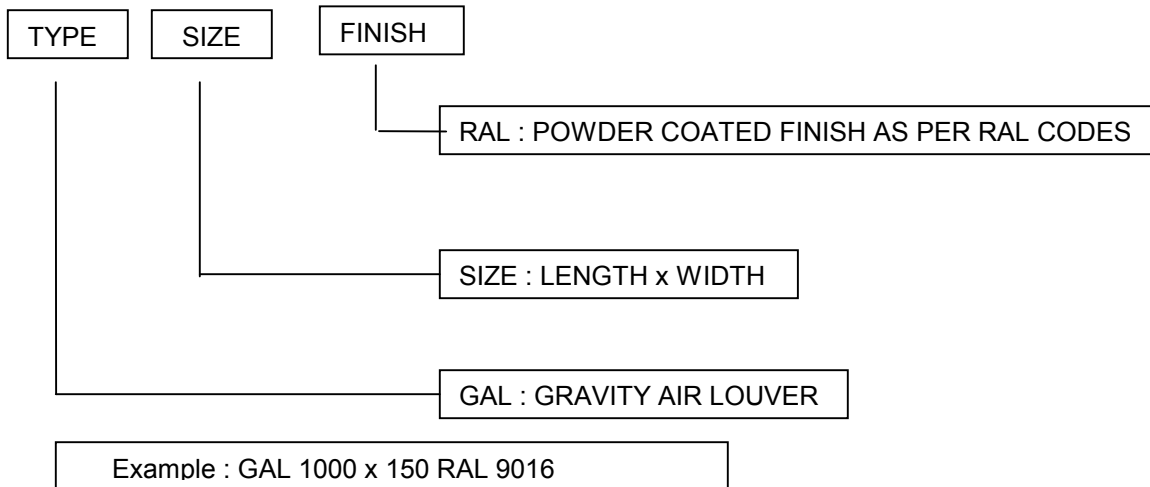


## Available type of finishing:

Powder coated (painted to RAL codes)

- To convert into Imperial units use (1 inch = 25mm)
- Non standard sizes are available upon request.

## ORDERING SYSTEM



## GRAVITY AIR LOUVERS

### Performance Data

- Free area ratio (approx.) = 0.82 for 100% open blades.
- To calculate the air flow rate :

$$\text{CFM} = \frac{0.82 \times A(\text{in}^2) \times B(\text{in}^2) \times \text{Face velocity}}{144}$$

$$\text{L/S} = \frac{0.82 \times A(\text{mm}) \times B(\text{mm}) \times \text{Face velocity}}{1000}$$

