

## INTERNAL COVER GRILLES SPECIFICATION DOCUMENT

### Product Description:

Passivent Internal Cover Grilles can be either wall or ceiling mounted inside a building. Used for fixing in front of Passivent Internal Insulated Louvres or sub base louvres.

Available in 3 different styles, 1 Way, 2 Way and Egg Crate Diffuser designs.

Note: The 1-way can be orientated to provide a non-vision grille.

### Construction Details:

The 45 degree blade designs are set at 15mm pitch for high strength and low air flow resistance. Supplied with a 38mm surround flange with fixing holes as standard. Fixings by others to suit onsite requirements.



Note: 1 Way Grille shown

The egg crate grille has an aluminum core. The single cell size is 12.5 X 12.5mm and allows a high free area. Supplied with a 38mm flange.

Manufactured from extruded aluminum to a standard RAL colour.

### Performance data:

Approximate percentage free areas (based upon 1000 x 1000mm units)

1 Way Diffuser Cover Grille = 46%  
2 Way Diffuser Cover Grille = 46%  
Egg Crate Cover Grille = 85%

### Airflow performance:

The louvre system has been tested to achieve a discharge coefficient of Cd 0.3.

### Available Sizes:

Heights of 250 up to 1600mm\*  
Lengths of 250 up to 2300mm\*

\* Subject to a max louvre area of 1.8m<sup>2</sup>

Note: Non standard sizes are available on request.

### Options:

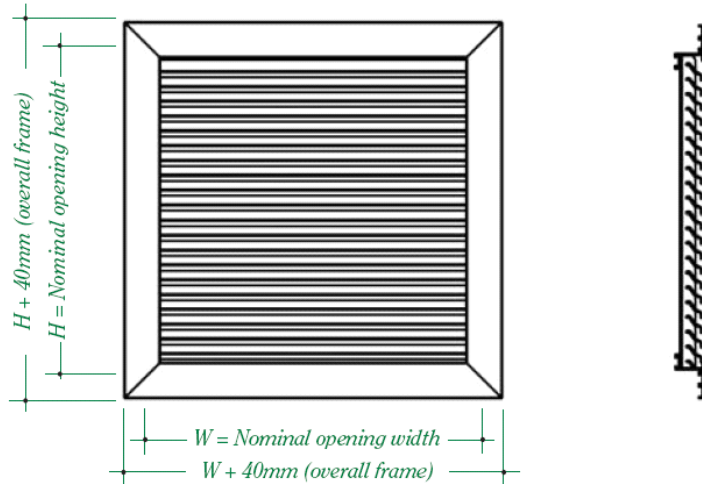
Heavy duty option available for 1 way and 2 way grilles. Additional concealed louvre supports are fitted to increase resistance to impact. Ideal for use in vulnerable public spaces or sports halls.

# Information Update

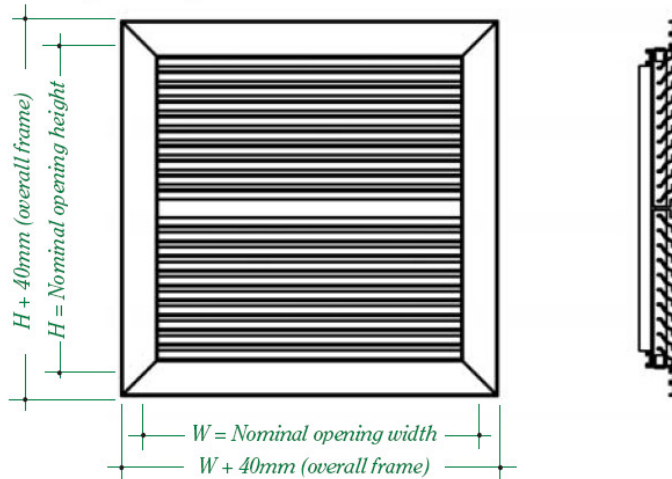
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## Technical Drawings:

### One Way Diffuser



### Two Way Diffuser



### Egg Crate

