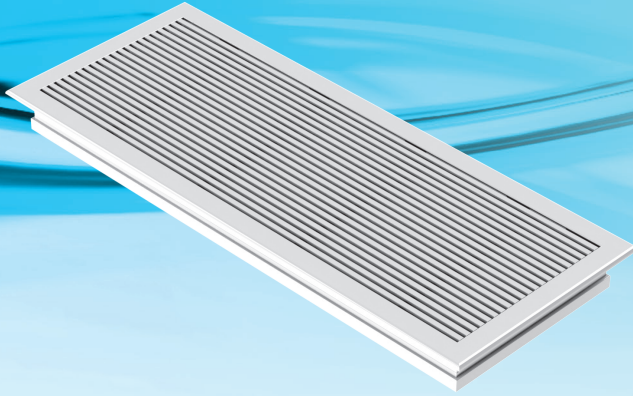


# FGD-A Rectangular Floor grille



**ASLI Linear Floor Grille** is designed for use in raised floor air distribution systems, where the floor cavity is used as a pressurized supply air plenum and is suitable to apply as perimeter ventilation. FGD-A creates vertical up stream flow pattern directed by extruded deflection bar at center core. Extruded aluminum bars create aesthetically appealing and excellent durability.

## Materials

### FGD-A

**Materials Diffuser core :** Aluminum A6063.

**Frame :** Aluminum A6063.

## Surface Finish

Anodized or powder coated

## Standard size *Unit : mm*

Available upon request

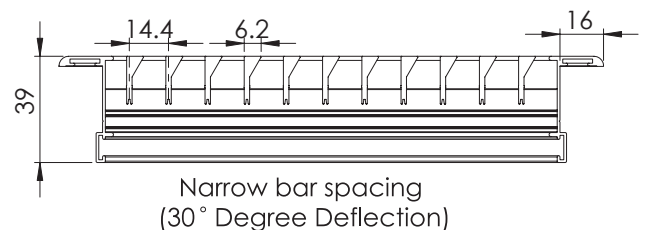
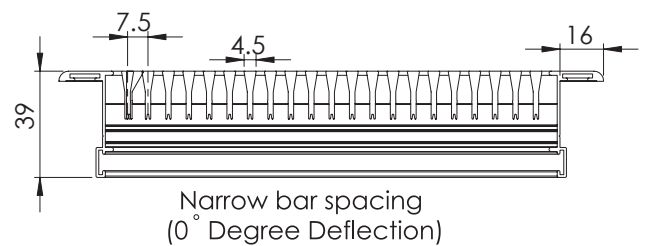
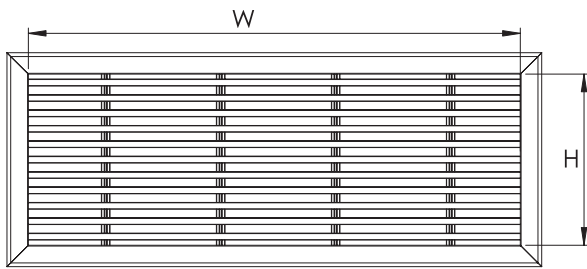
## Accessories

G1 Opposed blade damper

## Features

- 30 degree or 0 degree deflection blades for different air distribution application.
- Aluminum core provides high strength to withstand loads.
- Suitable for perimeter air cooling.
- Provide Low turbulence air flow with optimal velocity.
- Easy installation.

## FGD-A Construction Illustration



# FGD-A Rectangular Floor Grille

## FGD-A Physical dimension *Unit : mm*

Model	Degree Deflection	Floor Size	Face Size
FGD-A	0°	W+15 H+15	W+29 H+29
	30°		

## FGD-A Air flow performance data *(Neck size 1000x200mm)*

Air Flow rate(cfm)	70	100	130	170
Vertical Projection	1.0-2.5	2.1-3.2	2.6-3.8	3.0-4.1
NC	22	24	26	29
Static pressure(mmAq)	0.6	0.11	0.14	0.19

- Throw values are based on an entire section one meter length.
- Terminal velocity are based on 0.5m/s and 0.25m/s respectively.
- Throw data is based on isothermal conditions.
- NC value is based on room absorption of 10dB, re  $10^{-12}$  watts

## FGD-A Order Code

Model	Accessories	Size (mm)
FGD-A	G1	W x H

Example: FGD-A-G1-500x200