

LINEAR FIXED BAR GRILLES



SAFBG SERIES AEROLINE GRILLES



SAGAR AIR PVT. LTD.

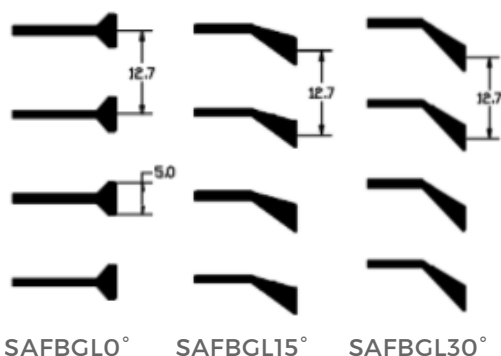


Linear Fixed Bar Grille

SAFBG-L Series



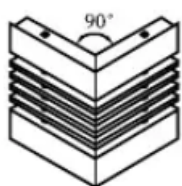
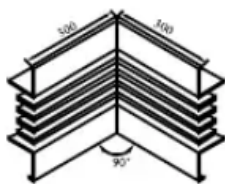
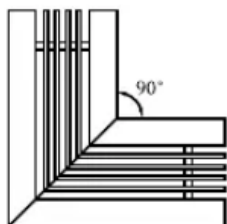
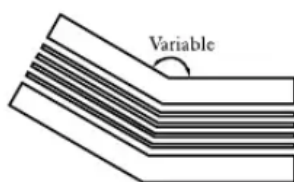
Material: Extruded Aluminium
Max. Section Length: 72 Inch
Min. Section Length: 4 Inch
Standard Finish: Epoxy Powder Coated



SAFBGL0°

SAFBGL15°

SAFBGL30°

90° Vertical
Outside90° Vertical
inside90°
HorizontalVariable Angle
(90° - 180°)

- SAFBG Grilles are designed for installation in still, floor, sidewall, and ceiling spaces. These are recommended for supplying heated, ventilated or cooled air and also for return airflows.
- The Grilles are fabricated out of high-quality extruded aluminum. The components are mechanically interlocked precisely to minimize blemishes. 90 Degree mitered corner sections are available as factory-fitted and assembled sections.
- Opposed blade volume control dampers can be provided with these Grilles. Dampers are adjustable through the grill face with an accessible mechanical key.
- When installed in the top of an enclosure, The grilles provide a vertical upward airflow pattern which is effective in overcoming unwanted cool downdrafts.
- When installed in the ceiling, The grilles are provided with a vertical downward airflow pattern which is effective in maximizing the cooling/heating.
- The Grilles are available in three deflection angles :
 - 0 ° Deflection - SAFBG-L-0
 - 15 ° Deflection - SAFBG-L-15
 - 30 ° Deflection - SAFBG-L-30
 - 45 ° Deflection - SAFBG-L-45

Features



Heavy Gauge Extruded Aluminium construction offers exceptional quality and performance



Sidewall / Ceiling and Floor applications



Available in various sizes and orientations



Precise airflow control through volume control dampers



Various RAL epoxy powder-coated shades are available as per your need

Linear Fixed Bar Grille

SAFBG-L Series

Technical Data

SAFBG-L : LINEAR FIXED BAR GRILLE WITH 0/15/30 degrees Deflection without damper

Description	Detail
Make	M/s. Sagar Air Pvt Ltd
Size	Neck as per requirement
Model	SAFBG-L-0/15/30/45
Material of Construction	Extruded Aluminium profiles
Frame Profile (TkXWXH)	Frame (TkXWXH) = 1.2 mm X 20 mm X 20 mm
Blade Profile (NobXTkXH)	9 blades for 150mm neck size X 1.2 mm X 20 mm
Blade pitch	12.7 mm
Color	Broken White / Pure White / Half White - RAL Colors Other colors available on request
Finish	Powder Coating Finish
Width Above Max.Size the grill is partitioned into 2 modules	Min. Neck Size : 150 mm X 150 mm Max. Neck .Size : 1830 mm X 600 mm



*Note : Nob = Number of Blades

Linear Fixed Bar Grille

SAFBG-L Series

Technical Data

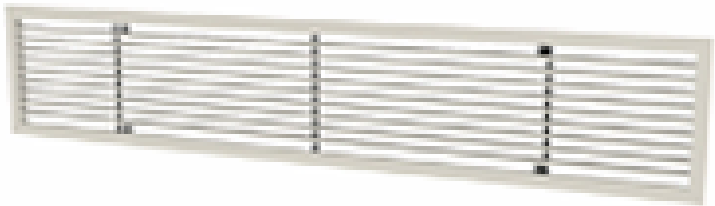
SAFBG-LC : LINEAR FIXED BAR GRILLE WITH 0/15/30 degrees deflection with Collar Damper

Description	Detail
Make	M/s. Sagar Air Pvt Ltd
Size	Neck as per requirement
Model	SAFBG-LX-0/15/30/45
Material of Construction	Extruded Aluminium profiles
Frame Profile (TkXWXH)	Frame (TkXWXH) = 1.2 mm X 20 mm X 20 mm
Blade Profile (NobXTkXH)	9 blades for 150mm neck size X 1.2 mm X 20 mm
Blade pitch	12..7 mm
Color	Broken White / Pure White / Half White - RAL Colors Other colors available on request
Finish	Powder Coating Finish
Width Above Max.Size the grill is partitioned into 2 modules	Min. Neck Size : 150 mm X 150 mm Max. Neck .Size : 1800 mm X 600 mm
Material of Construction	Galvanised Iron
Thickness of material	Frame : 1.2 mm Tk / Blade : 1 mm Tk
Type of Dampers	Opposed Blade Type - Key operation
Finish & Color	Double Coat Enamel Paint
Fixing	Duct mounting

Collar Damper



Collar Damper



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- Extruded Aluminium Construction
 - Available in various sizes and pitch sizes
 - Manufactured on an automatic grill expanding line
 - Available in various sizes and RAL Colors



SAGAR AIR PVT. LTD.

Quick Selection Table

Selection Table

LINEAR FIXED BAR GRILLES - STANDARD -SINGLE DEFLECTION - NO REAR BLADES

Height (mm)	Length (mm)	Airflow Range	
100	1000	495	1080
150		715	1600
200		945	2050
250		1220	2525
300		1440	3375
100	1500	685	1610
150		1100	2325
200		1400	3125
250		1875	3700
300		2195	5075
100	2000	995	1610
150		1450	3325
200		1875	4150
250		2450	4800
300		2875	6775

*Please Note : Above specifications are approximate selection results. They are subject to change without any prior notice.



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