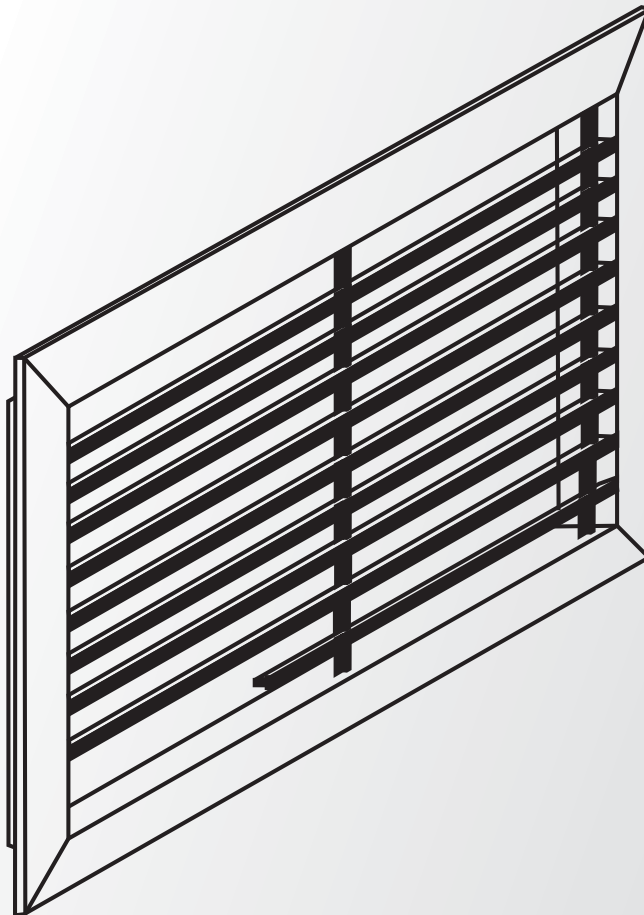




AFRICA AIR DIFFUSION

STRIP GRILLES



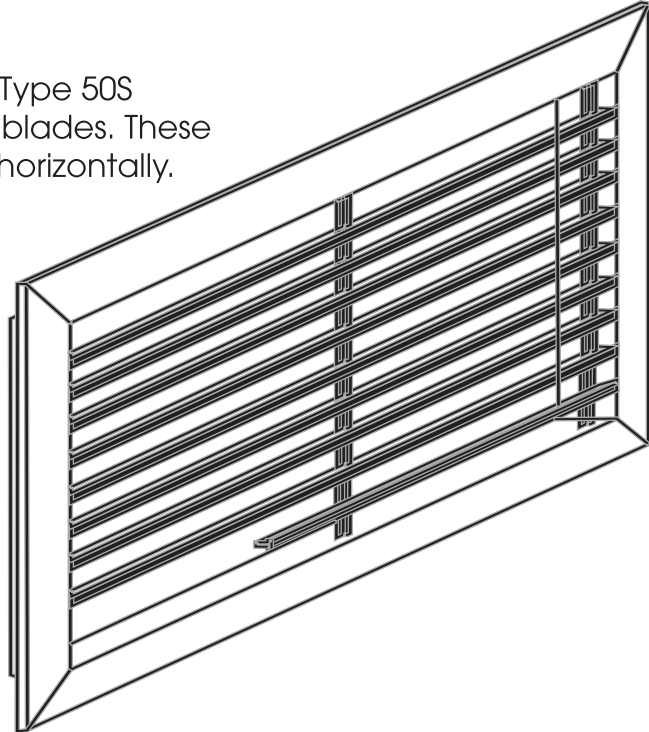
info@ aad.co.za
www.aad.co.za



AFRICA AIR DIFFUSION

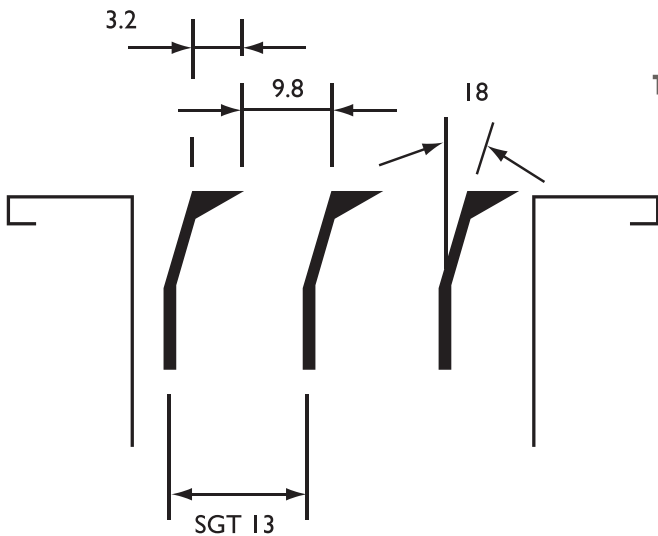
TYPE SGS (18 DEGREE DEFLECTION):

Strip Grille manufactured of extruded Type 50S anodising grade aluminium with fixed blades. These grilles can be used either vertically or horizontally.



They can be used as Supply or Return Air Grilles and also for fancoil and induction units, and can incorporate access flaps.

- | | | | |
|-------------|------------|---|----------------------------|
| Accessories | OBD | = | Opposed Blade Damper |
| | PC | = | Punched counter sunk holes |
| | CF | = | Concealed Fixing |



TYPE SGS	13mm
Frame Options	30mm Standard 20mm 50mm
Finish Options	NA = Natural Anodised BEW = Baked Enamel White EPC = Epoxy Powder Coating
Blade Spacings	13mm Standard 19mm 21mm 26mm



AFRICA AIR DIFFUSION

**SPECIFICATIONS
CATALOGUE**

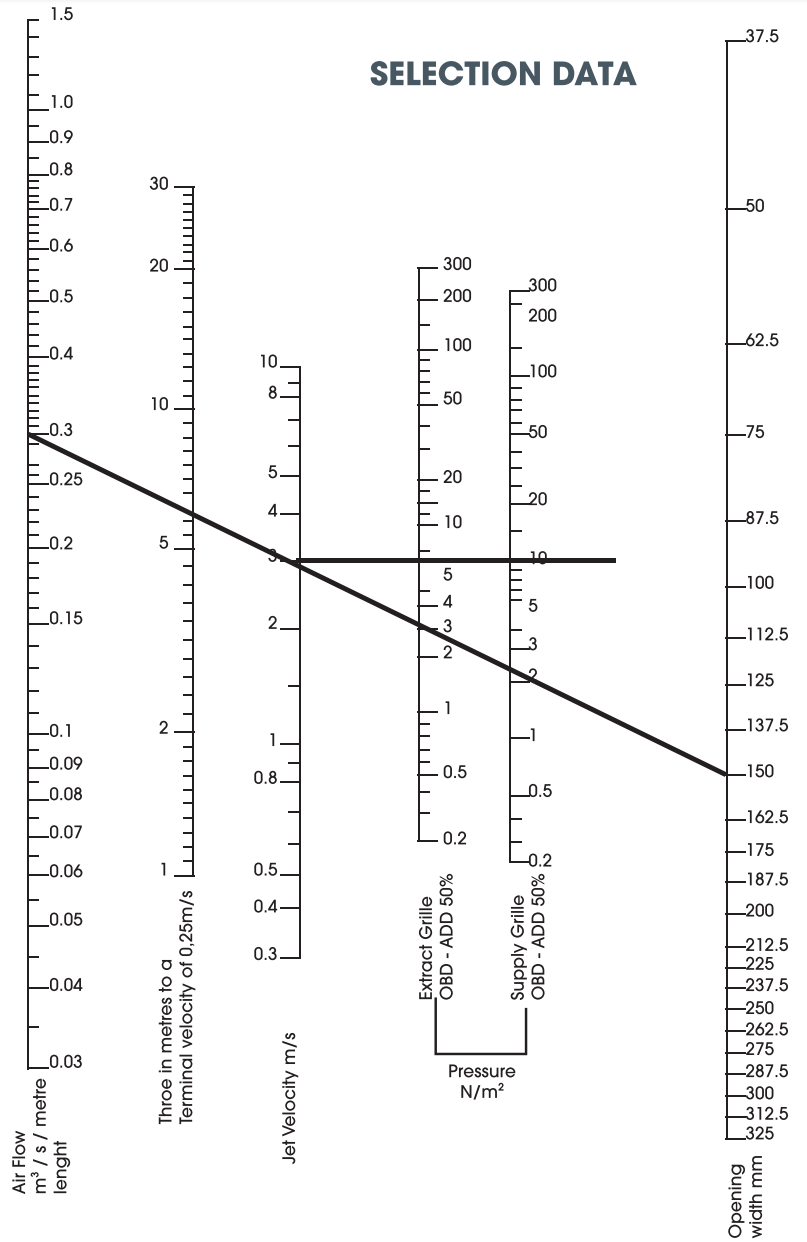
STRIP GRILLES

AIR
DIFFUSION

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CONVERSION FACTORS

CFM	X	0,000472	=	m ³ /s
FPM	X	0,005	=	m/s
inches WG	X	250	=	N/m ²
INCHES	X	25.4	=	mm



NOTE

- 1) Selection data is for 13mm blade spacing.
- 2) Selection data is based on m³/s/metre width.
- 3) Jet velocity is actual velocity between blades. Average face velocity (25mm from grille) - 65% of jet velocity.
- 4) Type SGS usually only used for extract.

EXAMPLE (Selection based on 1 metre lengths of grille)

For 0,3 m³/s/metre and 6 metre throw use 150mm wide grille (duct width)

Jet velocity - **3m/s**
 Pressure drop - **6N/m² (Extract) or 8N/M² (Supply)**

