

ducting express

Single Deflection Grilles

A fully adjustable, cost-effective grille, suitable for supply or extract applications.

Single deflection grilles have one bank of fully adjustable blades, which are held in place by high tensile spring wire, hidden behind the grille flange.

With a maximum free area of around 80%, and aerodynamic teardrop shaped blades, single deflection grilles are effective extract grilles, creating minimal noise and pressure drops, even when handling high air volumes.

For supply, aim the blades in one direction for a targeted throw, or spread them for a wide, gentle diffusion.

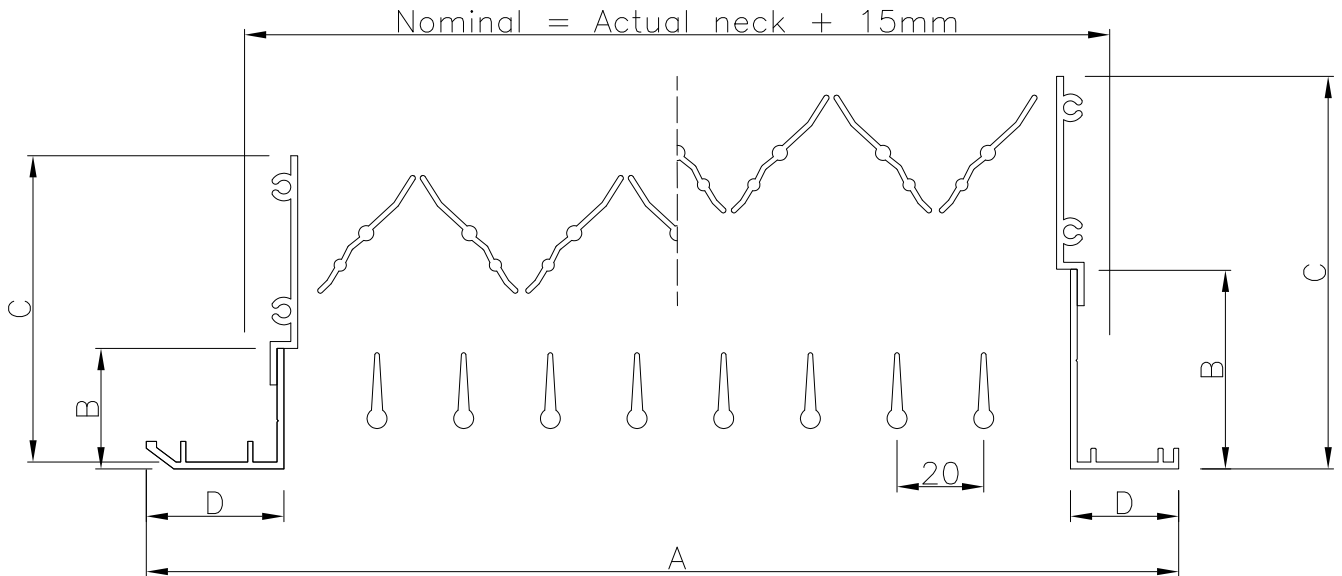


Design features

Material	Extruded aluminium frame and blades High tensile steel wire
Frame	Standard: 32BS - 32mm bevelled small Optional: 25F - 25mm flat
Sizes	Minimum: 100mm x 50mm Maximum: 2900mm x 2900mm Maximum blade length is 570mm, above this mullions will be used
Fixings	Standard: None
Finish	Standard: Satin anodised
Mass/m² face area	8.5kg
Free area	Approx 80% maximum

Technical drawings

Standard



32BS: 32mm bevelled small	
A	Nominal + 45mm
B	28mm
C	72mm
D	32mm

25F: 25mm flat	
A	Nominal + 30mm
B	46mm
C	90mm
D	25mm

Please note: Blade pins stick out approximately 6mm from the grille neck each side.