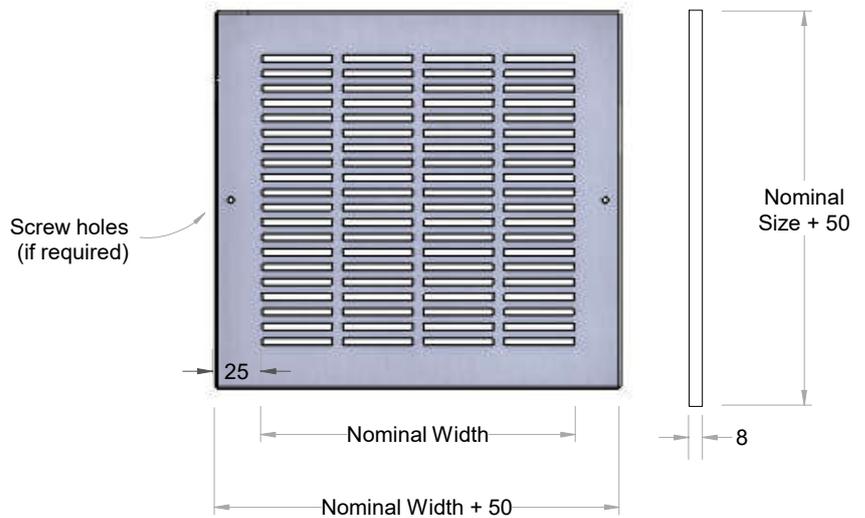


Surface Mounted Slotted Face Grille

Type: SMSF-SS



SMSF-SS Slotted Face Style Grille



APPLICATION:

The SMSF-SS is a Stainless Steel Grille with a punched core. It has been specifically designed for use in walls or ceilings where conventional aluminium or mild steel products are not desirable either for hygiene, corrosion resistancy or perhaps just simply for quality & aesthetic reasons. This product by nature of the manufacturing process remains robust and resistant to many chemicals & cleaning fluids etc. Applications such as Laboratories, hospitals, pharmaceutical and industrial premises as well as wide range of marine facilities.

SPECIALS:

Due to the flexible manufacturing process it is possible to provide many different core configurations in terms of hole size, shape, and material thickness as well as depth for increased strength. Alternative shapes are also possible such as circular, arched, triangular and hexagonal for example.

STANDARD:

Our standard construction is of 304 grade Stainless Steel with a Brush finish known as Dull Polish (DP1). The rectangular hole size as standard is 40 x 5mm however any other sizes are available as an alternative if required.

MATERIALS:

Stainless Steel 304 or 316 DP1 marine grade with a minimum thickness of 1mm depending on grille dimensions.

CONSTRUCTION:

Pressed formed frame & border with a punched core providing added rigidity to this single piece grille. Alternative materials and thicknesses are available.

ALTERNATIVE FINISH & MATERIALS:

Polyester Powder Coated. (for mild steel or Aluminum option)
Mill finish Stainless Steel.
Polished Stainless Steel.
Polished Brass, Bronze or Copper for example.

DIMENSIONS:

All dimensions are in mm.
Minimum size 100 x 100 nominal
Maximum size 2500 x 1250 (Single section)
Larger sizes can be manufactured however they may need to be in sections or have strengthened frames or mullions.
The "Pitch" dimension is 10 high as standard for the 5mm slot pattern however this can be adjusted to any dimension to suit the clients requirements.

OPTIONS:

Removable & Hinged cores.
Various frame types & Concealed fixings are available.
Filters & Filter frames to the rear.
Volume control & Fire dampers.
Fire rated & standard plenums / Wall Sleeves.

HEAVY DUTY

This style of grille can be manufactured from a much thicker 3mm material if required offering a very resilient performance against vandalism or day to day security. In addition burglar bars can be welded to the rear for building in to the wall or ceiling structure.

SPECIFICATION:

The Flanged frame is to be manufactured from 1mm thick Dull Polished Stainless Steel sheet press formed from a single section of material to give a complete jointless corner on the face flanges. The core is to be 50% free area and punched out from the material of the frame giving a smooth surface finish. The grain of the brush finish of the core is to be constant without blemish. The core if removable is to be securely fixed to the frame using stainless steel countersunk machine screws or integral Spring Clips. Screw Holes (countersunk or flat) shall be specified if required. The Stainless Steel Grade shall also be specified i.e. 304 or 316 etc.