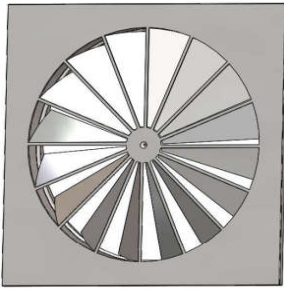


Fixed Blade Swirl Diffusers

Type: SWF16-SQ & SWF16-C



SWF16-SQ
SWF16-SQ-SS

SWF16-C
SWF16-C-SS

Dimensions			
Nominal Neck size	Ceiling Opening	Overall SWF16-SQ	Overall SWF16-C
125 Dia	135 Dia	200 x 200	175 Dia
150 Dia	160 Dia	250 x 250	200 Dia
160 Dia	170 Dia	250 x 250	200 Dia
200 Dia	210 Dia	300 x 300	250 Dia
250 Dia	260 Dia	350 x 350	310 Dia
315 Dia	325 Dia	400 x 400	375 Dia
350 Dia	360 Dia	595 x 595	410 Dia
400 Dia	410 Dia	595 x 595	460 Dia
500 Dia	510 Dia	595 x 595	600 Dia
630 Dia	640 Dia		730 Dia
700 Dia	710 Dia		800 Dia

APPLICATION:

The SWF 16 is our of range Swirl Diffusers with a series of 16 fixed blades which has been specifically designed for use in ceilings to provide a horizontal radial air distribution pattern with a high induction rate.

This allows increased supply air temperature differentials for the more demanding applications where conventional diffusers may not be suitable.

Applications include offices, laboratories, hospitals, pharmaceutical and industrial premises etc.

SPECIALS:

Due to the flexible manufacturing process it is possible to provide many different blade and frame configurations in terms of dimensions, thickness and angle as well as depth.

STANDARD:

Our standard construction is of Zintec mild Steel with a Polyester powder coated finish.

Our SWF 16-SQ-SS is available in 304 & 316 grade Stainless Steel with a Brush finish known as Dull Polish.

MATERIALS:

SWF 16 1mm thick Zintec Mild Steel
SWF 16.. SS Stainless Steel 304 or 316 DP1 marine grade with a minimum thickness of 1mm depending on overall product dimensions.
Alternative materials and thicknesses are available.

CONSTRUCTION:

SWF16-SQ Pressed formed frame & blades.
SWF16-C Circular type with roll formed beveled edge.

ALTERNATIVE FINISHES:

Mirror Finish
Polished Brass
Copper
Lacquered coating

FIXING:

Screw Fixed Core via central M6 screw for solid or plasterboard ceilings and all circular models into plenum bridge.

OPTIONS:

Various frame types to suit Burgess and Tegular "T" bar ceilings
Alternative Concealed fixings are available.
Alternative flange widths & profiles to suit the ceiling construction.
Filters & Filter frames to the rear.
Volume control & Fire dampers.
Fire rated & standard plenums.
Extended neck to suit ceiling thicknesses.

DIMENSIONS:

All dimensions are in mm.
Alternative sizes can be manufactured if required

PLENUM BOXES:

Plenum boxes are normally provided to suit the requirements of the SWF 16 type Swirl Diffusers. These can be supplied in either square or circular variants to suit the clients requirements.

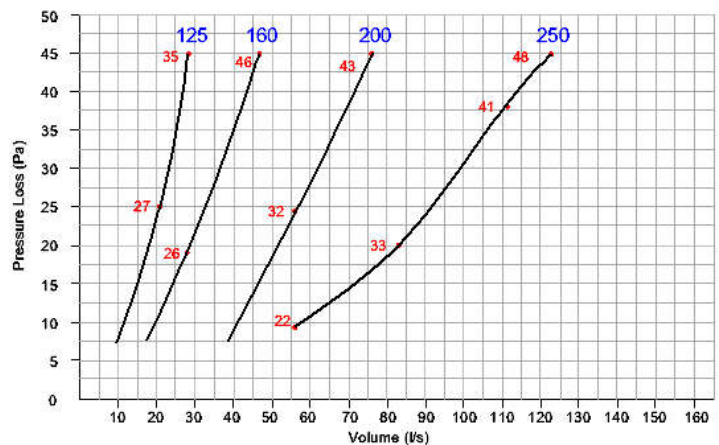
TYPES: PBC-S Circular body with a side entry spigot
PBC-T Circular body with a top entry spigot
PBS Square body with a side entry spigot
PBT Square body with a top entry spigot

All the above can have the following options:

COD Cord operated damper
AL 10 Acoustic Lining 10mm thick
TL 10 Thermal Lining 10mm thick
PERF Baffle plate internally mounted

PERFORMANCE CHARTS

WSF16 Sizes 125 Dia to 250 Dia



WSF16 Sizes 315 Dia to 500 Dia

