

## Swirl diffusers fixed (SWL/F/SF)

SWL/F/SF is a square diffuser with a rotating air pattern. SWL/F/SF are supplied with a plenum box with vertical or horizontal connection. The box can also be supplied with a balancing damper for supply or exhaust air.

The rotating supply air pattern provides a high degree of induction, making these diffusers well suited to supply of both warm and cool air.

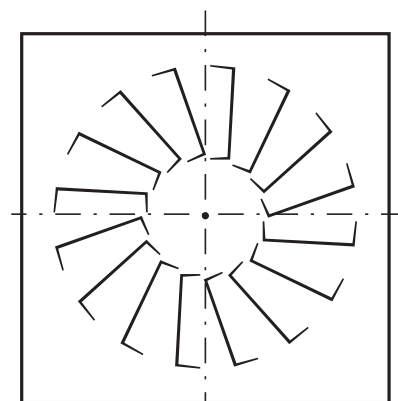
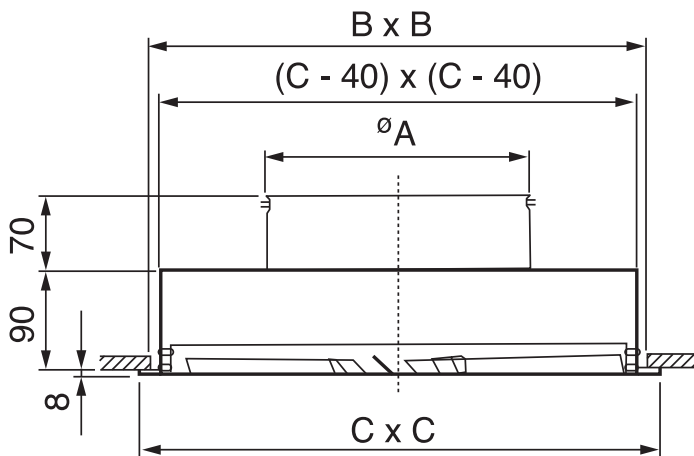
### Materials and finish

Front plate: Galvanised steel  
 Plenum box:\* Galvanised steel  
 Standard finish: Powder-coated  
 Standard colour: RAL 9010 white

Other colours are available on request.

\* Plenum boxes available with top or side spigot connections.

### Dimensions



Size	C	øA	B	Weight kg
400	395	200	370	3.1
500	495	250	470	4.2
600	595	315	570	6.0

## Performance data

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### Performance

Air flow (l/s and m<sup>3</sup>/h), total pressure (Pa), throw (m) and sound pressure level (dB(A)) are stated in diagrams.

### Throw

The throw (m) is stated in the diagram, with isothermal air at a terminal velocity of 0.2 m/s.

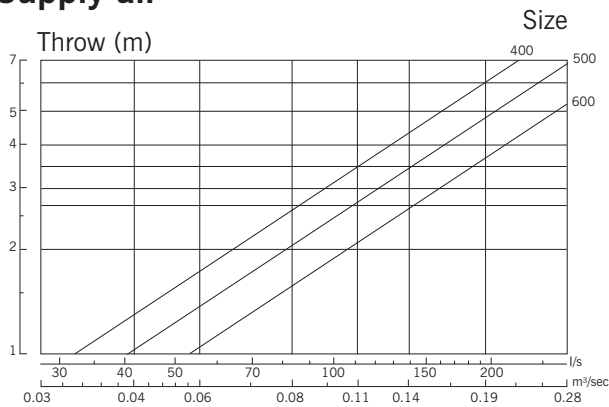
### Pressure loss

The diagram shows the total pressure loss  $\Delta$  (Pa).

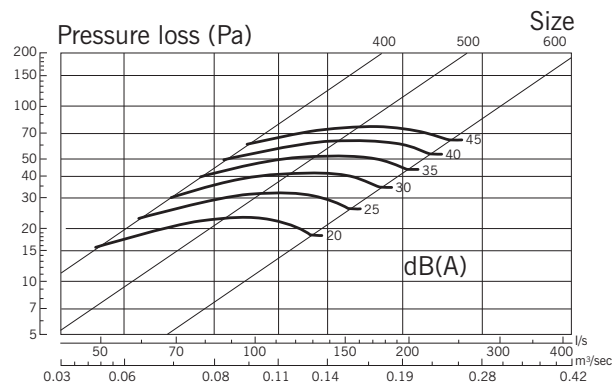
### Sound pressure level L<sub>A</sub>

The diagram shows the sound pressure level (dB(A)). The sound values are for room attenuation of 4 dB.

## Supply air



## Exhaust air



## Supply air

