

## Swirl diffusers adjustable (SWL/AR/SF)

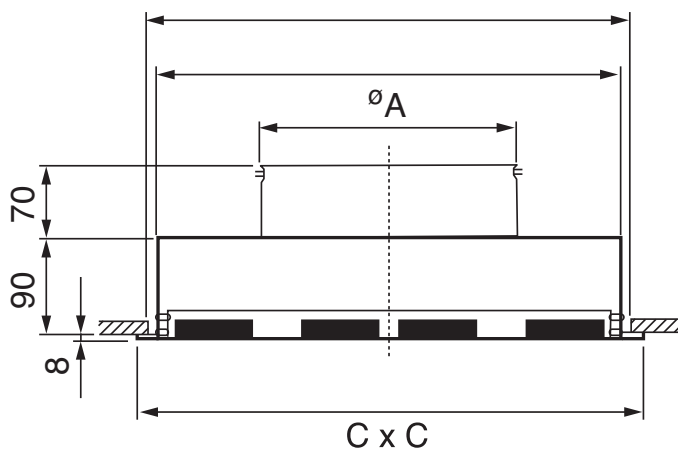
SWL/AR/SF is a square diffuser with a rotating air pattern. Each slot has a manual adjustable direction blade to vary the air pattern. SWL/AR/SF are supplied with a plenum box with vertical or horizontal connection. The box can also be supplied with a balancing damper for supply or exhaust air. The rotating supply air pattern provides a high degree of induction, making these diffusers well suited to supply of both warm and cool air.

A high capacity (HC) version is available for increased performance.

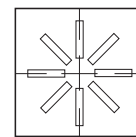
### Materials and finish

Front plate: Galvanised steel  
 Blades: Black self coloured  
 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.

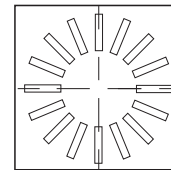
### Dimensions



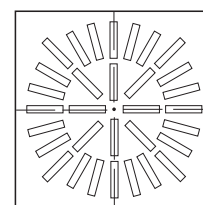
Size	C	øA	B	Weight kg
400	395	200	370	3.1
500	495	250	470	4.2
600	595	315	570	6.0
600/HC	595	315	570	6.0



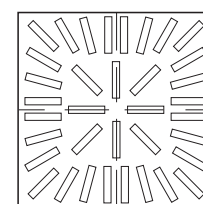
SWL/AR/SF 400



SWL/AR/SF 500



SWL/AR/SF 600



SWL/AR/SF 600 HC

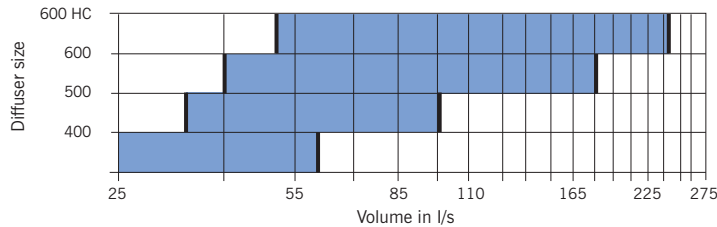
## Performance data

# Swirl diffuser type SWL/AR/SF

### Quick selection method

Min - Max flow rate range for each SWL/AR/SF diffuser size (Max flow rate is based on a noise level of NR 35-40).

**Fig 1.**



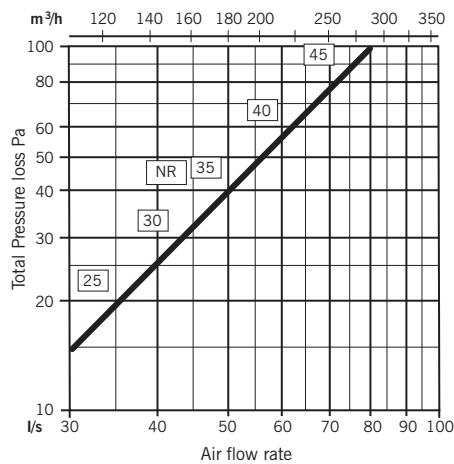
For swirl diffuser selections please contact our sales office.

### Pressure loss and noise level

Figs 2 -5 show the pressure loss and noise levels for the standard range of SWL/AR/SF diffusers sizes 400, 500, 600 and 600 HC.

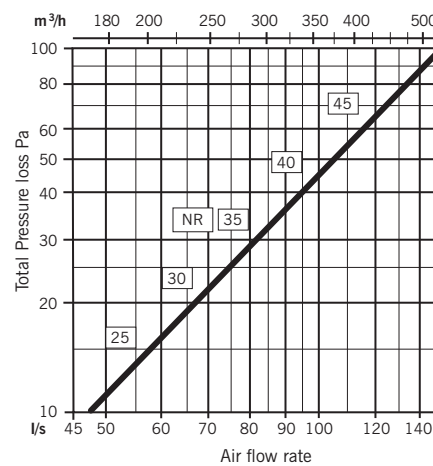
**Fig 2.**

Pressure loss and noise level for swirl diffuser size 400.



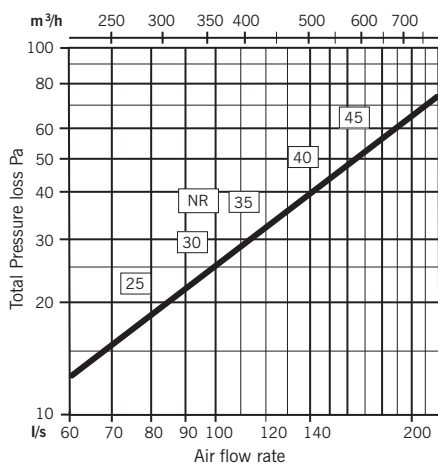
**Fig 3.**

Pressure loss and noise level for swirl diffuser size 500.



**Fig 4.**

Pressure loss and noise level for swirl diffuser size 600.



**Fig 5.**

Pressure loss and noise level for swirl diffuser size 600 HC.

