

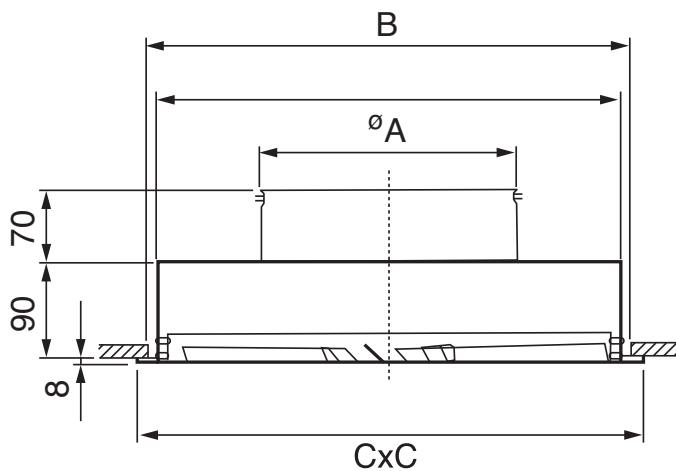
Swirl diffusers adjustable (SWL/AS/SF)

SWL/AS/SF is a square diffuser with a rotating air pattern. Each slot has a manual adjustable direction blade to vary the air pattern. SWL/AS/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.

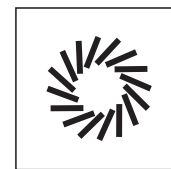
Materials and finish

Front plate: Galvanised steel
 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



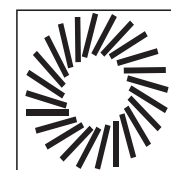
SWL/AS/SF 400/16



SWL/AS/SF 600/16



SWL/AS/SF 500/16



SWL/AS/SF 600/24

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

SWL/AS/SF diffusers

Performance

*THROW		TYPE			
		400/16	500/16	600/16	600/24
0.8	V m ³ /sec	0.04	0.04	0.04	0.07
	ΔP (Pa)	5	5	5	2.5
	NR	<20	<20	<20	<20
0.9	V m ³ /sec	0.06	0.06	0.06	0.08
	ΔP (Pa)	7.5	7.5	7.5	3.3
	NR	22	22	22	<20
1	V m ³ /sec	0.07	0.07	0.07	0.09
	ΔP (Pa)	8	8	8	4
	NR	23	23	23	<20
1.5	V m ³ /sec	0.08	0.08	0.08	0.14
	ΔP (Pa)	17	17	17	9
	NR	33	33	33	24
2	V m ³ /sec	0.4	0.04	0.11	0.18
	ΔP (Pa)	30	30	30	15
	NR	43	43	43	32
2.5	V m ³ /sec	0.14	0.14	0.14	0.22
	ΔP (Pa)	48	48	48	22
	NR	50	50	50	38
3	V m ³ /sec	-	-	-	0.26
	ΔP (Pa)	-	-	-	32
	NR	-	-	-	44
3.5	V m ³ /sec	-	-	-	0.29
	ΔP (Pa)	-	-	-	40
	NR	-	-	-	46

* Throw based on a terminal velocity of 0.25m/sec