

SLF

ADJUSTABLE SLOT DIFFUSER WITH 20 MM FRAME, WITH FILTER ACCESS DOOR

Variations [SLF](#) [SLF PANEL](#)



The adjustable aluminium slot diffuser type SLF with magnetic easy access door to the plenum to replace filters, is suitable for the supply and exhaust of cooled and heated air in, among other applications, offices, shops, meeting rooms,... This product is designed for ceiling or wall mounting and is available from 2 up to 4 slots. Each slot is individually adjustable and is equipped with 2 specially designed discrete deflectors. This results in an ideal air flow pattern that can be adjusted by 180° (vertical and horizontal air flow). SLF is available in several lengths, there is also a panel version for system ceilings.

Sleek design with discrete deflectors

Wide temperature range for both heating and cooling

With easy access door to the plenum to replace filters



TOEBEHOREN

SPF

Plenum box for fixed mounting on slot diffuser type SLF



TECHNICAL DETAILS

APPLICATION	Airflow direction	Horizontal, vertical, adjustable
	Airflow type	Linear
		Supply or exhaust
CONSTRUCTION	Shape	Lineair
	Min. Length	300 mm
	Max. length (in one piece)	1500 mm
	Available steps in length	1 mm
	Number of slots	2,3,4
	Flange size	20 mm
	Slot width	25 mm
	Panel width (for SLF panel)	300 mm
MATERIAL	Standard material	Extruded aluminium
	Standard finishing	Powder coating RAL
	Product finishing options	Powder coating RAL, Satin anodized 11µm
	Deflectors	Powder coated extruded aluminium
	Deflector fixation piece	POM
	Panel	Powder coated steel sheet metal
MOUNTING	Mounting options SLF	Fixed mounting on SPF plenum box
PLENUM BOX	Material	Galvanised [275g/m ²] steel sheet, PP/TPE spigot
	Optional insulation	Melamine 6mm
	Spigot	Class D spigot with double lip seal.
	Volume control	Optional perforated volume flow control disk inside the spigot
	Mounting options	Mounting eyes (Ø7mm) standard, mounting brackets available upon request
	Suitable for filter type	Wire frame filter

QUICK SELECTION DIAGRAM

SLF

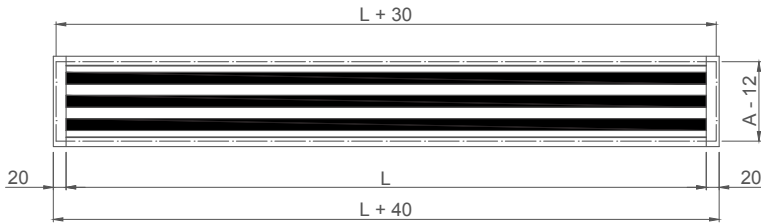
Qv [m ³ /h]	L (mm)				
	L _w	600	1000	1500	2000
 SL---2	25 dB(A)	100	154	215	271
	35 dB(A)	144	221	307	387
 SL---3	25 dB(A)	135	207	287	361
	35 dB(A)	197	301	417	525
 SL---4	25 dB(A)	152	232	320	402
	35 dB(A)	225	343	473	594

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SLF

STANDARD EXECUTIONS

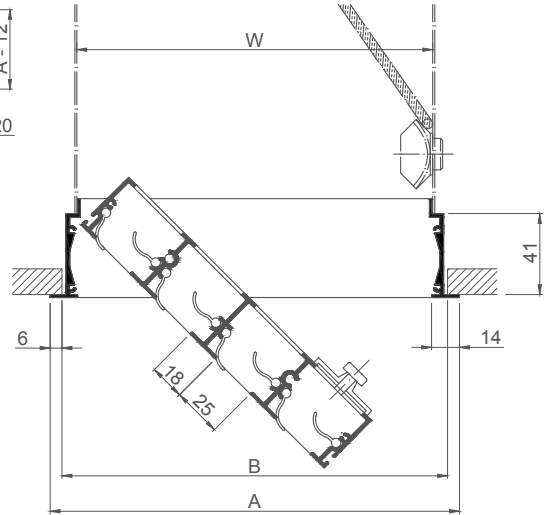
SLF



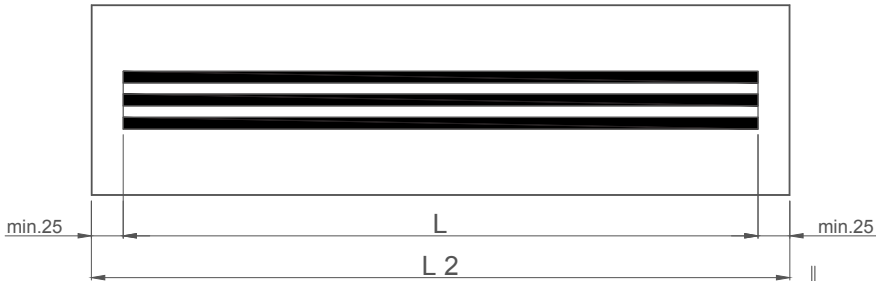
L= SLOT LENGTH

	Number of slots			
	2	3	4	6
A	121	164	207	295
B	107	150	193	283
W	94	137	180	268

All dimensions in mm.



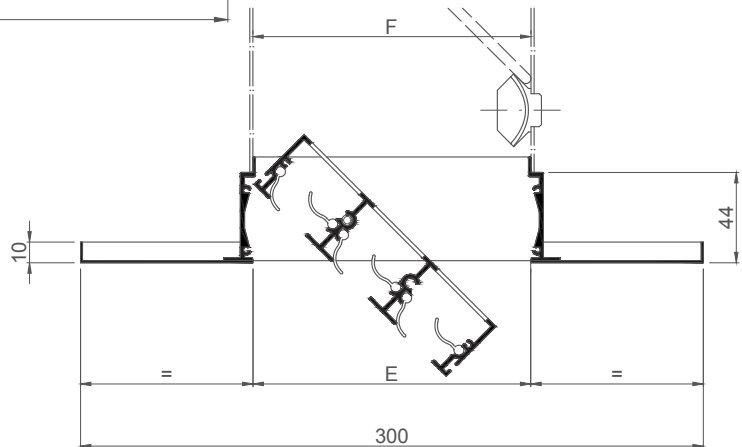
SLF PANEL



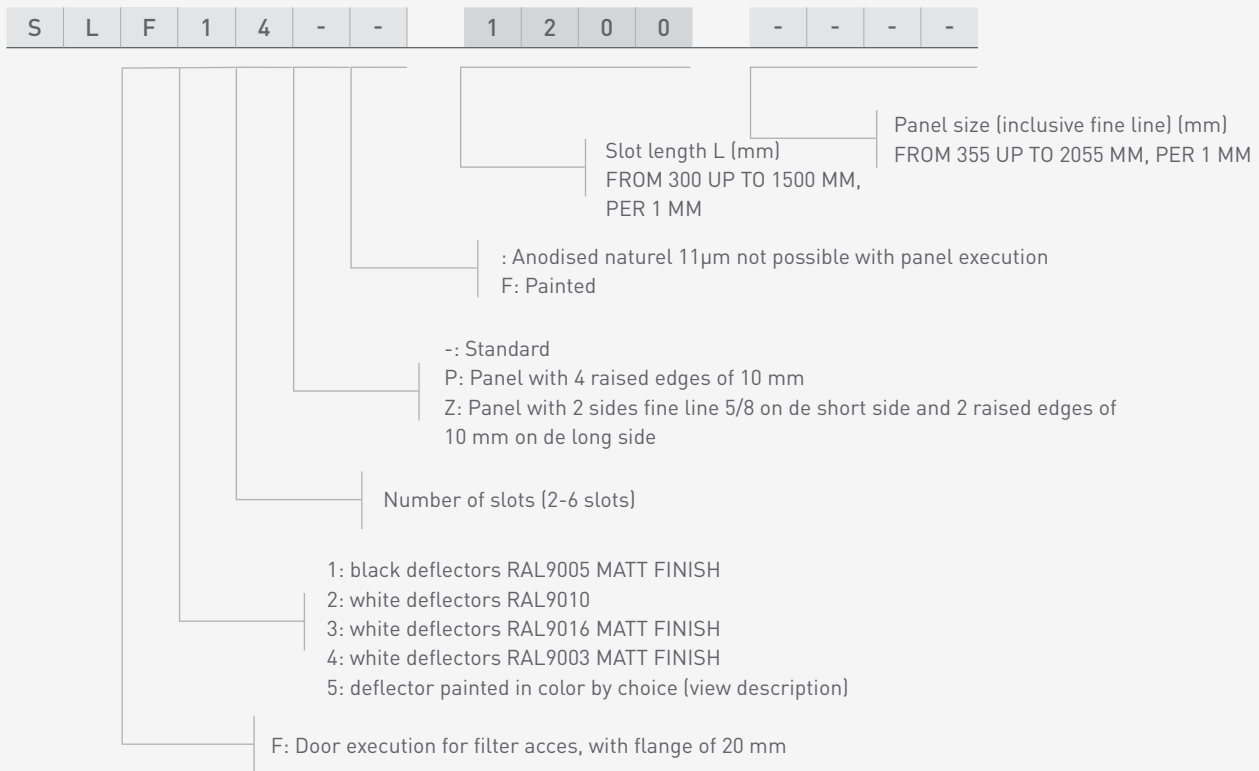
L= SLOT LENGTH

	Number of slots			
	2	3	4	6
E	93	136	179	267
F	94	137	180	268

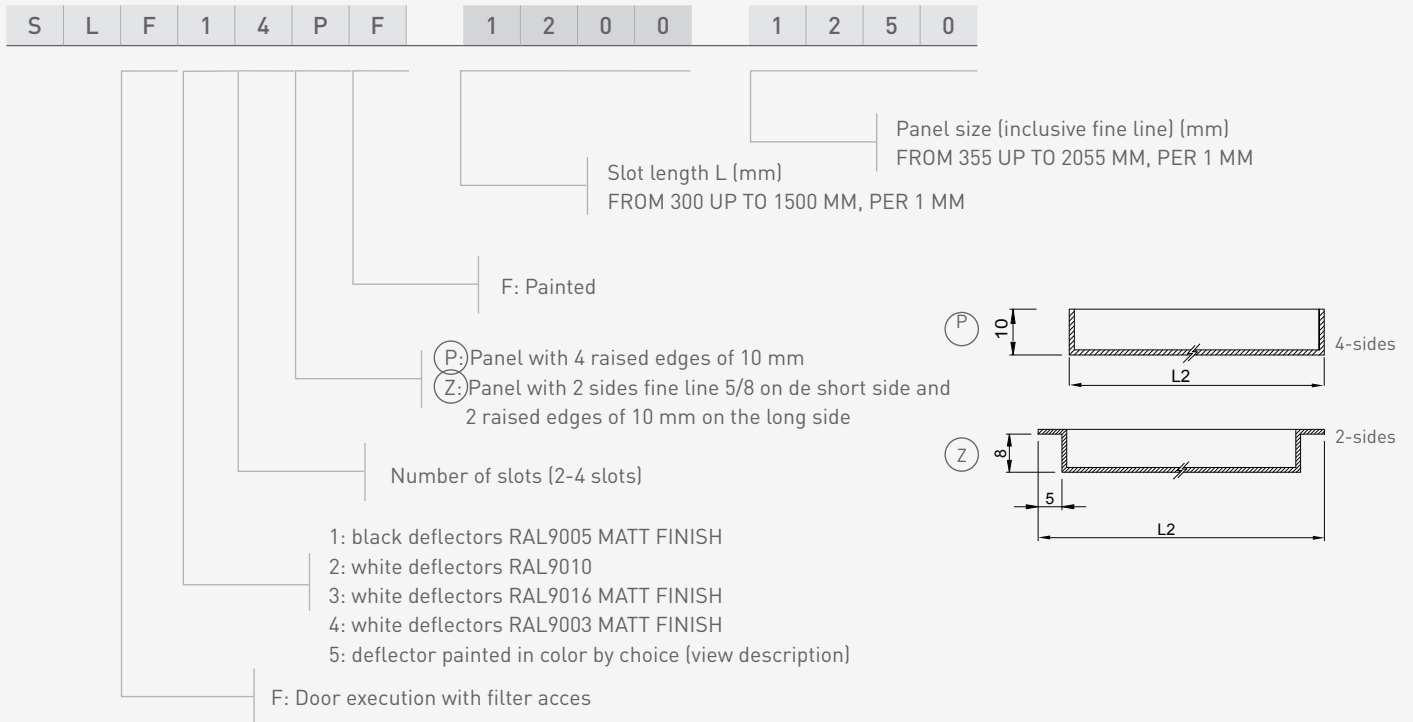
All dimensions in mm.



HOW TO ORDER



! Diffuser suitable for plenum mounting SPF (fixed mounting)



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