

Slot diffuser with adjustable blades

SLW



Specifications

Linear slot diffuser with adjustable blades.
Used for supply, exhaust or recirculation in ventilation systems.

Material

Steel frame.
Plastic adjustable blades.

Finish

Standard finish: white RAL9003, with black RAL9005 deflector.

Optional finishing:
- different RAL (extra cost)

Note: the deflector will be always black RAL9005 finish.

Mounting / Fixing

Mounting on ceiling (inside).
Mounting directly in plasterboard ceiling.

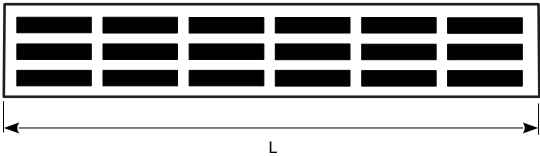
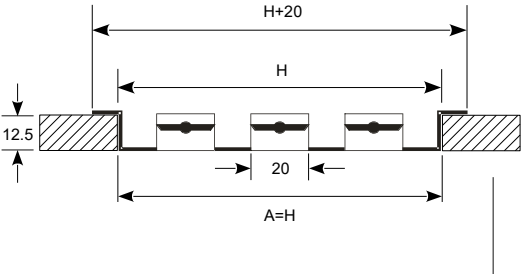
Optional accessories

Plenum box – **PL** (extra cost).

Order code:	SLW	x F	bbb	+*
Product code				
no. of slots				
length L (mm)				
not specified - white RAL9003 (standard)				
RALxxxx - optional RAL code				

* optional accessories

Technical data



LxH - opening hole size

Dimensions

No. of slots	H=A
1	40
2	75
3	110
4	145

Sizes

Size H (height) cannot be custom made (only specified size).

Size L (length) standard:
L (mm) standard: 900, 1000, 1200, 1500, 1800, 2000 mm

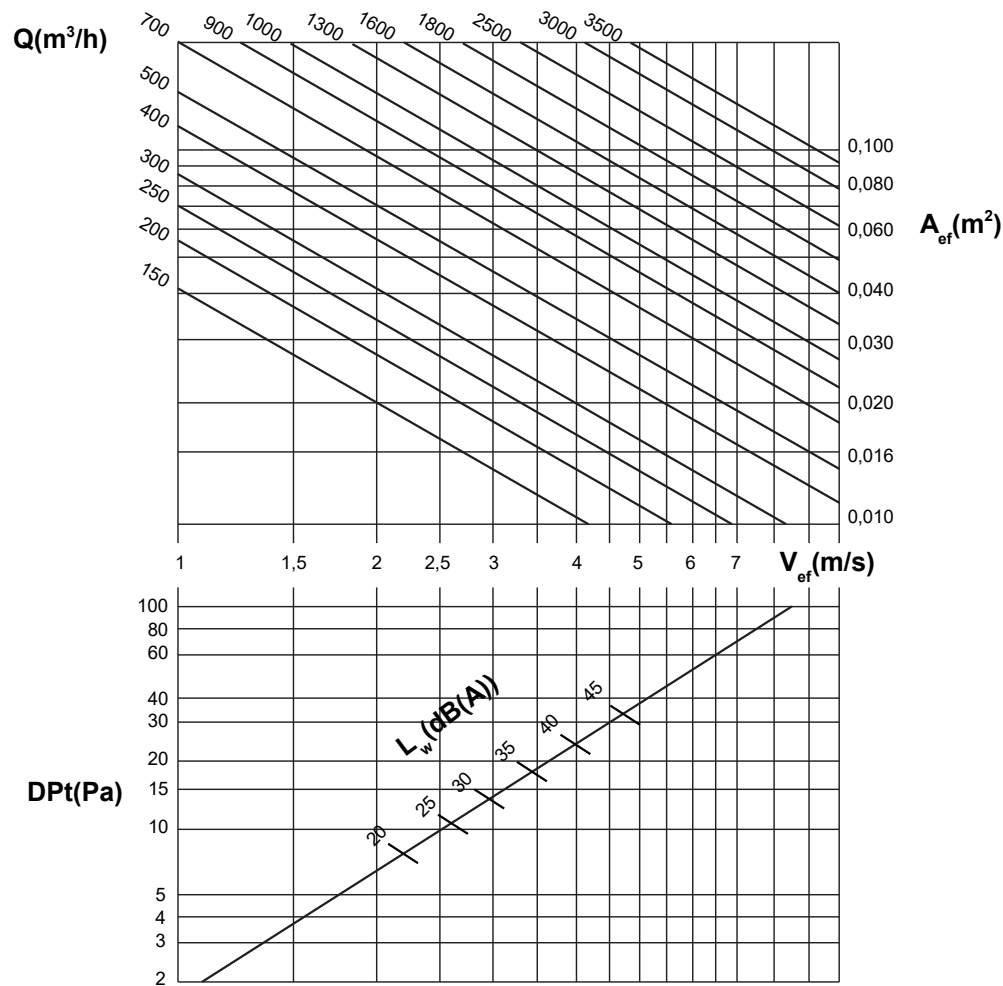
Custom sizes available (under certain commercial conditions):
L = 200 ~ 3000 mm

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Selection table

		$A_{ef} \text{ (m}^2\text{)}$			
		1 slot	2 slots	3 slots	4 slots
$L \text{ (m)}$	2000	0.025	0.049	0.074	0.098
	1800	0.023	0.045	0.068	0.091
	1500	0.019	0.038	0.057	0.076
	1200	0.015	0.030	0.045	0.060
	1000	0.011	0.023	0.034	0.045
	900	0.011	0.023	0.034	0.045

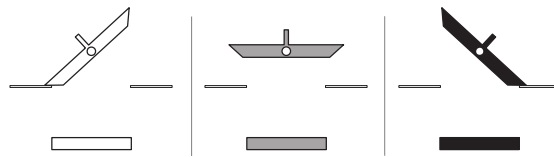


Data is valid for:

- H ceiling = 2,5±0,5m
- $L_t \text{ (m)}$ @ $V_t=0,2 \text{ m/s}$ (with Coanda effect)
- $L_w \text{ (dB(A))}$ incl. room attenuation 5dB(A)
- Temperature difference $Dt=-10\text{K}$

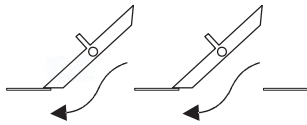
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Blade orientation

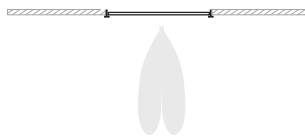
Flow pattern



Unidirectional horizontal diffusion.
Wide dispersion airflow.
Used for supply.



Vertical diffusion.
Used for supply, exhaust
or recirculation.

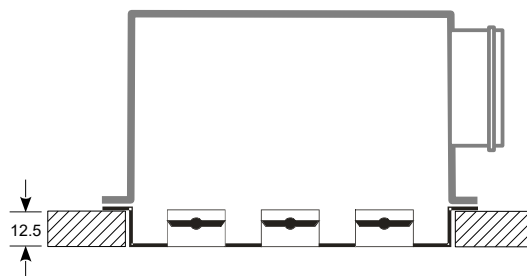


Bidirectional horizontal diffusion.
Wide dispersion airflow.
Used for supply.



Mounting / Fixing

Note: Plenum box **PL** is not included (extra cost).



Mounting directly in plasterboard ceiling.