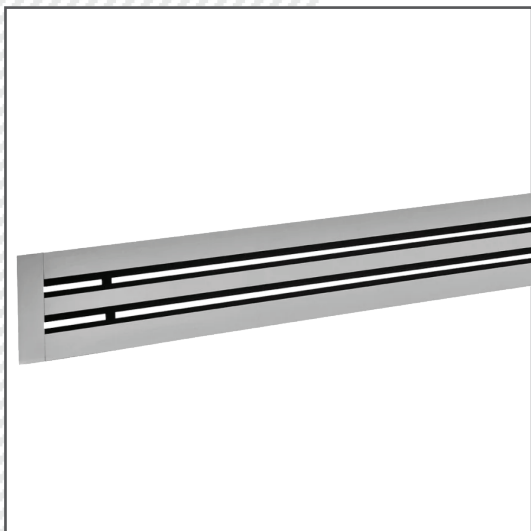




Characteristics

Linear slot diffusers with black deflectors (standard) and linear slot diffusers with white deflectors (DLF/DW).
For ceiling installation and for air intake and delivery.
Installation height: 2,5-3,1 m.

Material

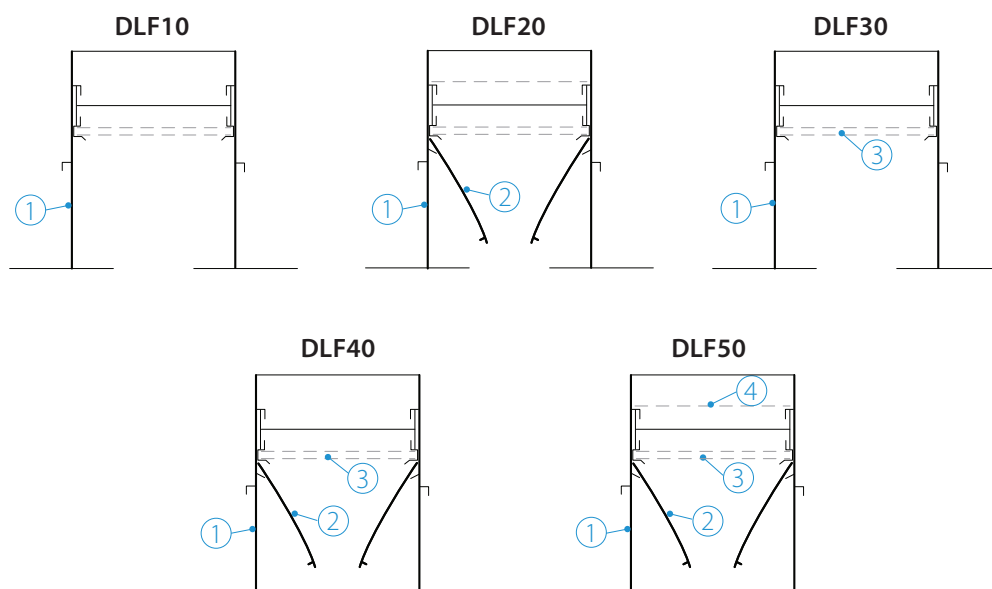
Anodized extruded aluminium.

Fixing

By inner mounting mobile bracket.
By springs inside the plenum.

Accessories

Galvanized steel connecting plenum with insulation.



Models:

DLF10: Standard diffuser (without sliding control damper and deflectors) (1).

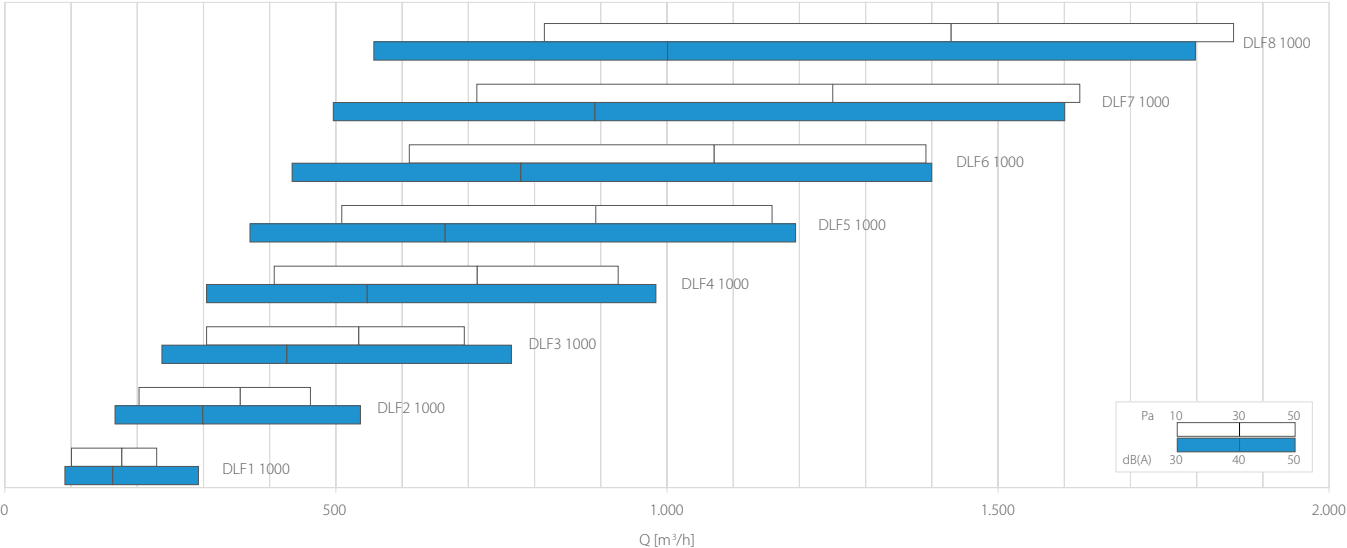
DLF20: Diffuser with deflectors (1) + (2).

DLF30: Diffuser with sliding control damper (3).

DLF40: Diffuser with sliding control damper and deflectors (1) + (2) + (3).

DLF50: Diffuser with sliding control damper, deflectors and perforated distributor (1) + (2) + (3) + (5).

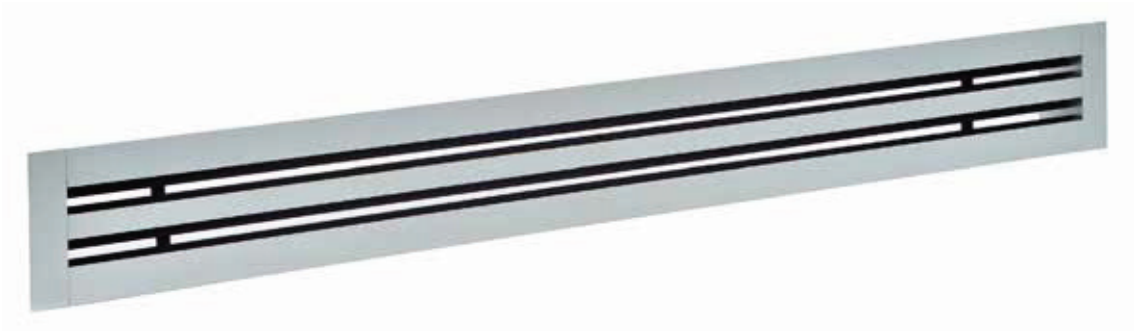
Quick selection diagram



Selection table

Model	A_k [m^2]	Q [m^3/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp_t^* [Pa]	
		min	max	min	max	min	max	min	max
DLF1 1000	0,00959	100	230	32	46	3,1	6,9	10	50
DLF2 1000	0,01930	200	460	33	47	4,1	9,2	10	50
DLF3 1000	0,02901	300	690	34	48	4,8	11,0	10	50
DLF4 1000	0,03872	410	930	35	49	5,6	12,5	10	50
DLF5 1000	0,04843	510	1160	35	49	6,1	13,8	10	50
DLF6 1000	0,05814	610	1390	36	50	6,6	14,8	10	50
DLF7 1000	0,06785	710	1620	36	50	7,0	15,8	10	50
DLF8 1000	0,07757	820	1860	37	51	7,5	16,9	10	50

*Without equalizer and calibration damper completely open

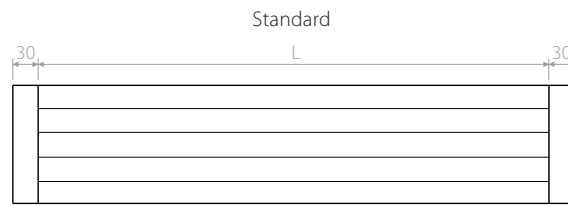
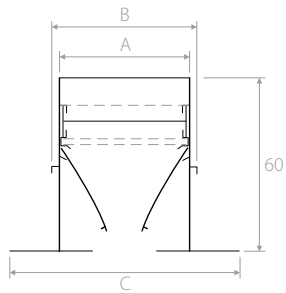


Dimensions

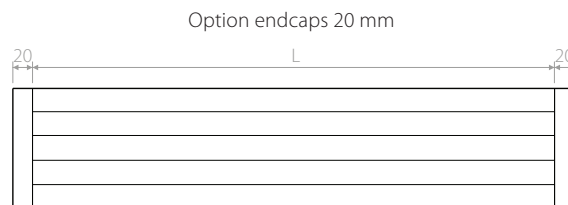
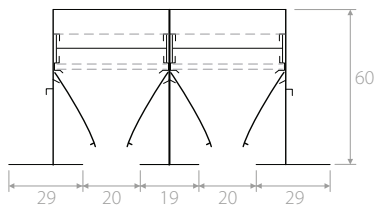
N. slots	Lenght [mm]	Ø spigot N. spitos	A mm	B mm	C mm	S mm	Z mm	Mounting brackets	Springs
1	800	98-1	40	50	77	54	66	2	2
	1000	98-1						2	2
	1500	98-2						2	2
	2000	98-3						2	3
2	800	148-1	78	89	115	93	105	2	4
	1000	148-2						2	4
	1500	148-3						2	4
	2000	148-4						2	6
3	800	198-1	117	128	155	132	144	2	4
	1000	198-2						2	4
	1500	198-3						2	6
	2000	198-4						3	6
4	800	198-1	155	165	191	169	181	2	4
	1000	198-2						2	4
	1500	198-3						2	6
	2000	198-4						3	6
5	800	248-1	192	202	229	206	218	2	4
	1000	248-1						2	4
	1500	248-2						2	6
	2000	248-2						3	8
6	800	248-1	230	240	267	244	256	2	4
	1000	248-2						2	4
	1500	248-2						2	6
	2000	248-3						3	8
7	800	248-1	266	276	303	280	292	3	6
	1000	248-2						3	6
	1500	248-3						3	8
	2000	248-4						3	8
8	800	248-1	303	313	340	317	329	3	6
	1000	248-2						3	6
	1500	248-3						3	8
	2000	248-4						3	8

Drawings

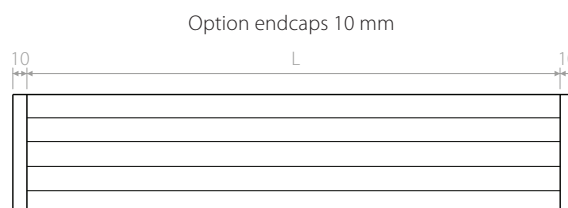
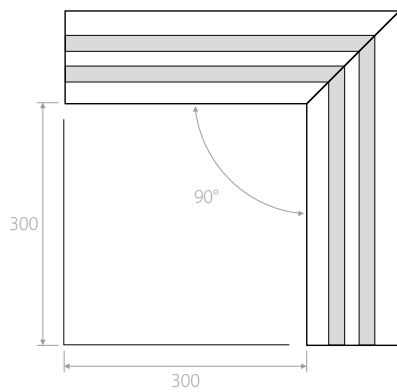
DLF50 (1 slot)



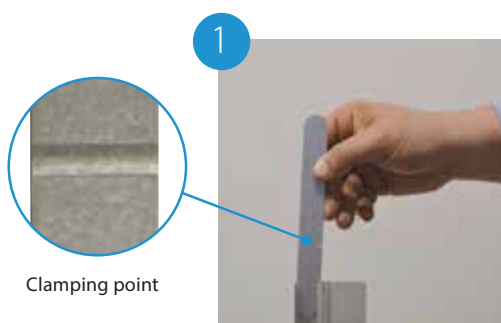
DLF50 (2 slots)



DLF90

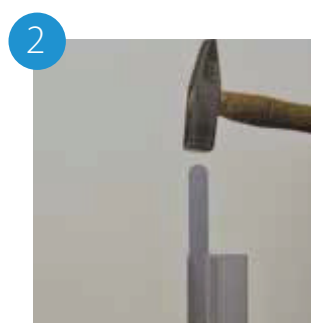


Continuity solution

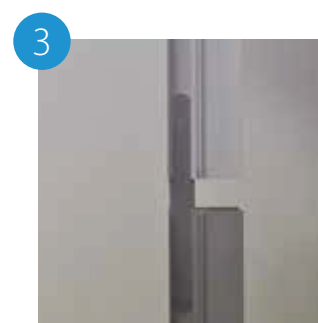


Clamping point

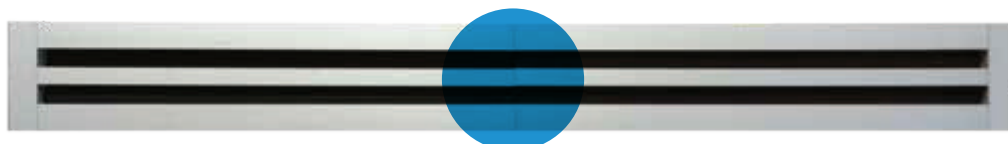
Insert the bracket into the profile in the direction indicated.



Insert the bracket to penetrate up to 10/15 mm the clamping point.



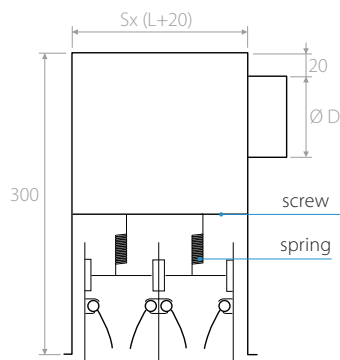
Combine the 2 parts.



Connection point

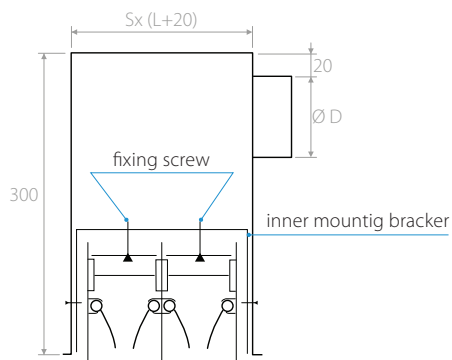
Drawings

PDL1



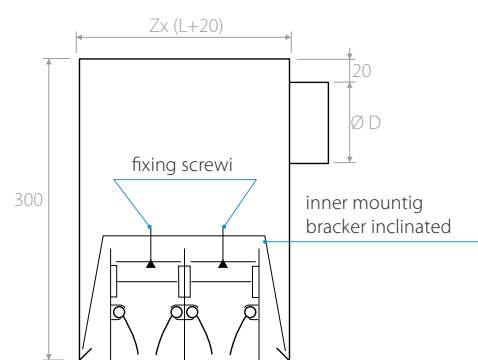
Fixing to the plenum
by springs CM

PDL2



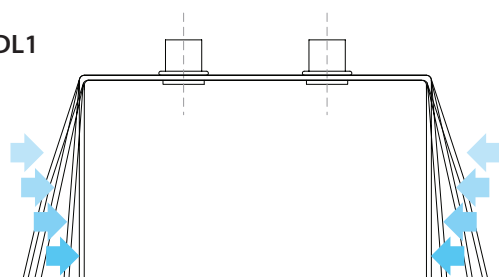
Fixing to the plenum
by inner mounting
brackets CVL.

PDL3



Fixing to the plenum by
inner mounting brackets
inclined CVL.

PDL1

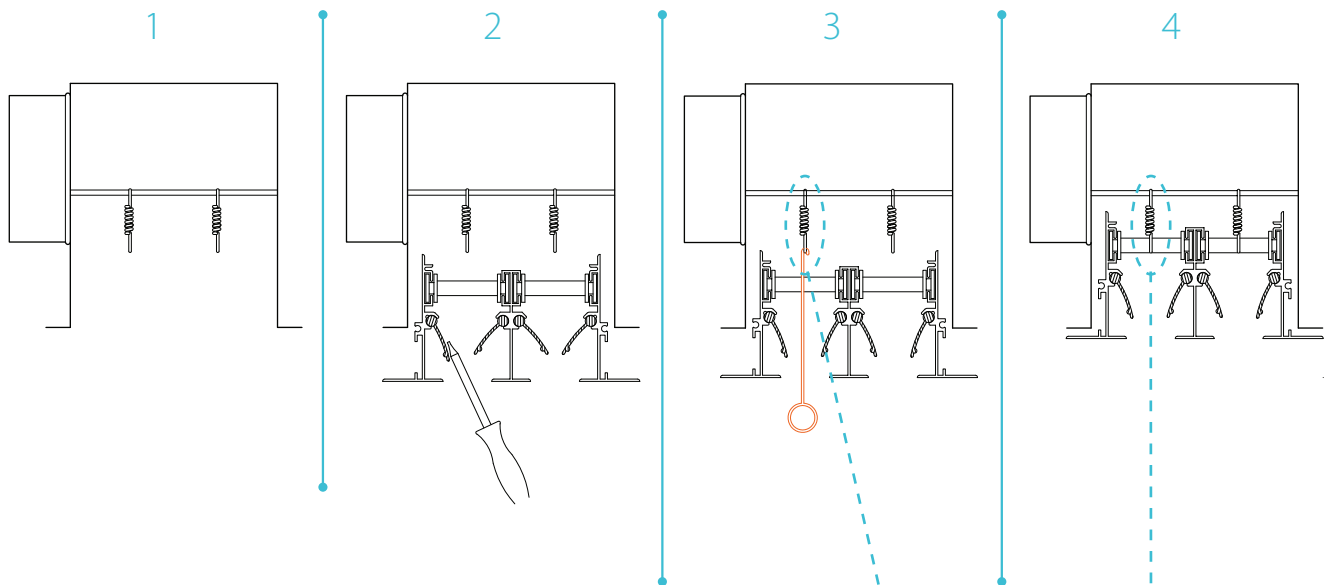


Configuration change CVL to PDL 3 to PDL 2
with finger pressure.

Accessories

CVLT 1-4 slots	
CVLT 5-8 slots	
CM Spring	
CG Hook	
CM Kit continuity (2 pieces)	

DLF diffuser plenum PDL1 assembly diagram



Procedure:

1. Hook the spring to the mounting tube placed inside the plenum.
2. Move the deflectors with a screwdriver so as to leave most free surface by the action of the hook.
3. Bringing the diffuser to the plenum, by means of the hook to extend the spring and hook it to the self-locking pin on the diffuser so block the way unitary structure.
4. Ensure sure that the attachment is safe.

