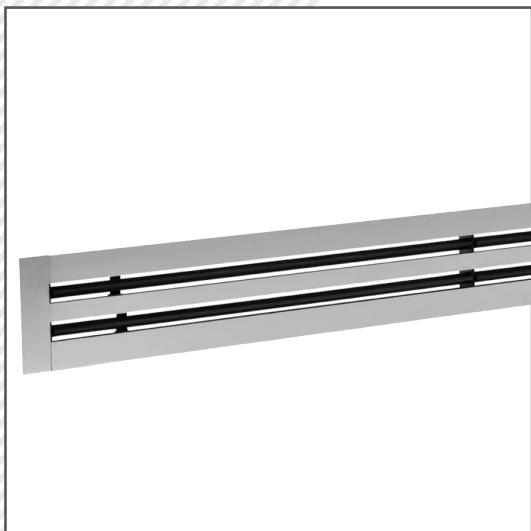




Characteristics

Linear slot diffusers with drop profile deflector.
For ceiling installation and for air intake and delivery.
Installation height: 2,5-3,1 m.

Material

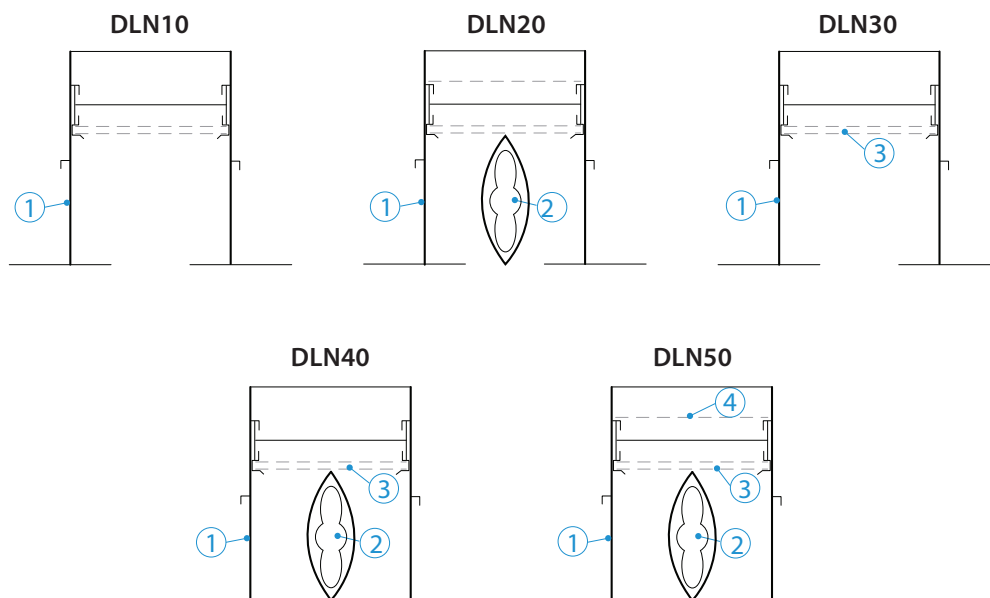
Anodized extruded aluminium, RAL 9005 black deflector in polypropylene (white RAL 9003 on request).

Fixing

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

Accessories

Galvanized steel connecting plenum with insulation.



Models:

DLN10: Standard diffuser (without sliding control damper and deflector) (1).

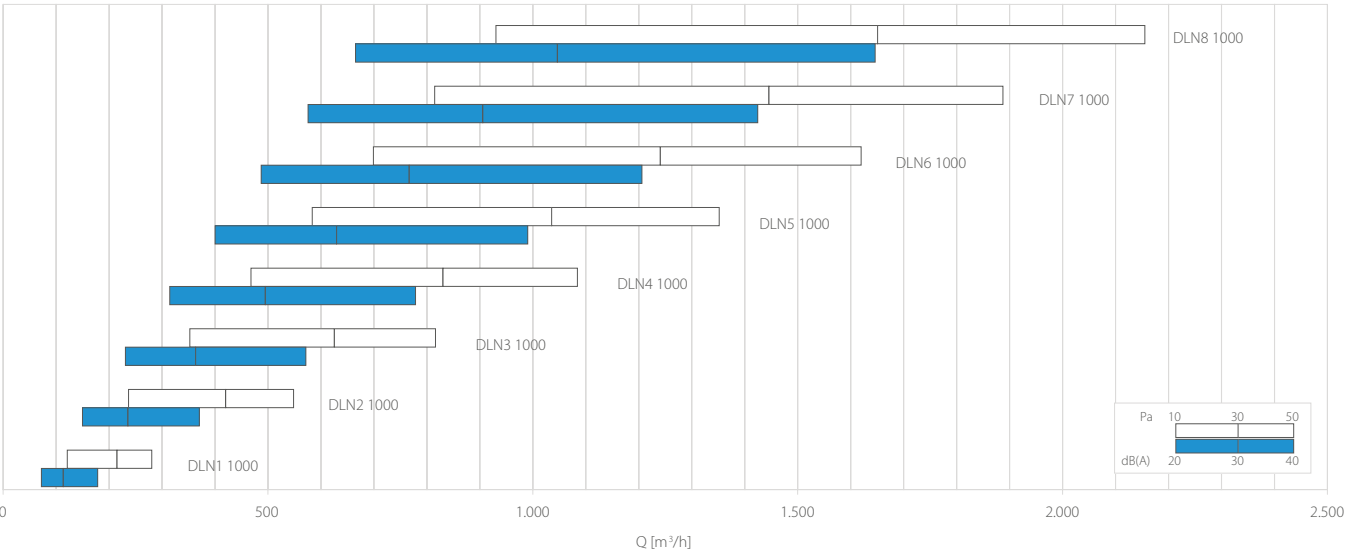
DLN20: Diffuser with deflector (1) + (2).

DLN30: Diffuser with sliding control damper (1) + (3).

DLN40: Diffuser with sliding control damper and deflector (1) + (2) + (3).

DLN50: Diffuser with sliding control damper, deflector and perforated distributor (1) + (2) + (3) + (5).

Quick selection diagram



Selection table

Model	A _k [m²]	Q [m³/h]		L _{wA} [dB(A)]		X _(0,25) [m]		Dp _t * [Pa]	
		min	max	min	max	min	max	min	max
DLN1 1000	0,01061	120	280	31	50	3,6	8,6	10	50
DLN2 1000	0,02073	240	550	30	49	5,0	11,8	10	50
DLN3 1000	0,03085	350	820	29	48	5,9	14,1	10	50
DLN4 1000	0,04097	470	1080	29	47	6,8	16,0	10	50
DLN5 1000	0,05109	580	1350	28	47	7,5	17,7	10	50
DLN6 1000	0,06121	700	1620	28	47	8,2	19,3	10	50
DLN7 1000	0,07133	810	1890	28	46	8,7	20,7	10	50
DLN8 1000	0,08145	930	2160	27	46	9,3	22,0	10	50

Without equalizer and calibration damper completely open.



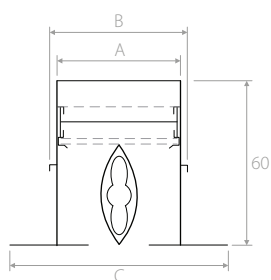
DLNR
Slot diffuser with external adjustable washer.
Maximum length 1500 mm



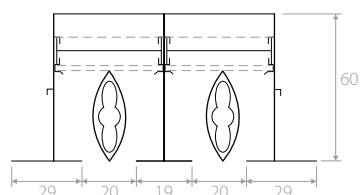
Dimensions

N. slots	Lenght [mm]	Ø - spigot N. spitos	A mm	B mm	C mm	S mm	Z mm	N. mounting brackets	N. 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

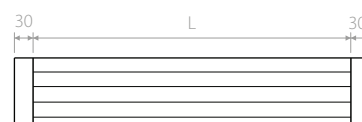
DLN50 (1 slot)



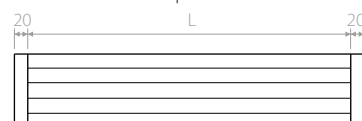
DLN250 (2 slots)



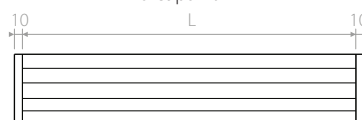
Standard



End caps 20 mm

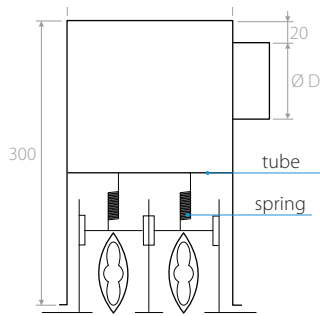


End caps 10 mm



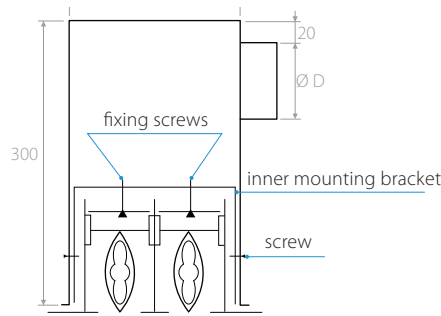
Drawings

PDL1



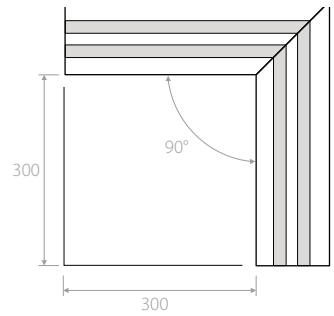
Fixing to the plenum by springs CM.

PDL2

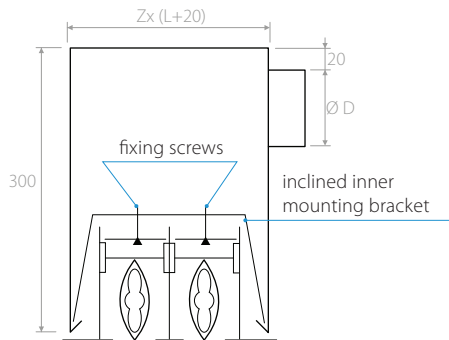


Fixing to the plenum by inner mounting brackets CVL.

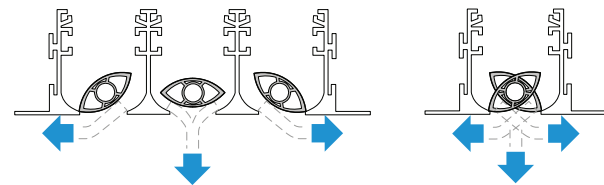
DLN90



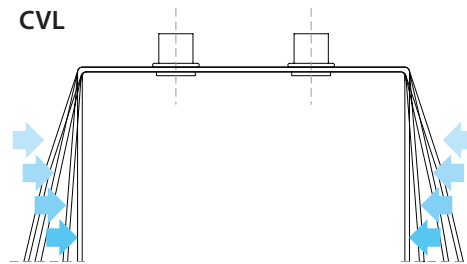
PDL3



Fixing to the plenum by inclined inner mounting brackets CVL.

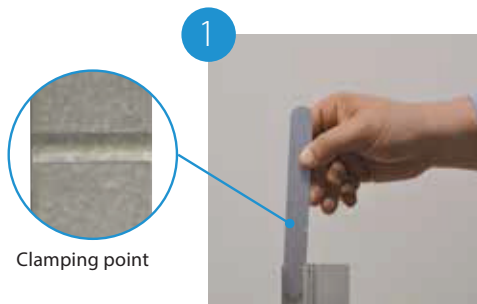


CVL

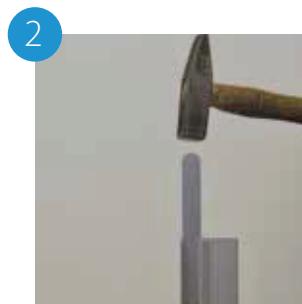


Configuration change CVL to PDL 3 to PDL 2 with finger pressure.

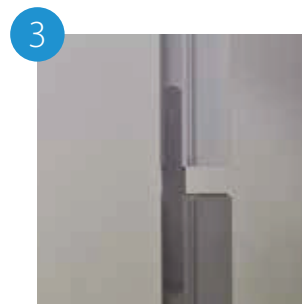
Continuity Solution



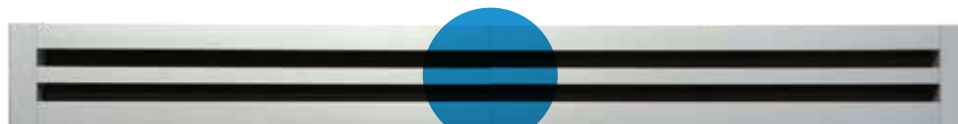
Insert the bracket into the profile in the direction indicated.



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

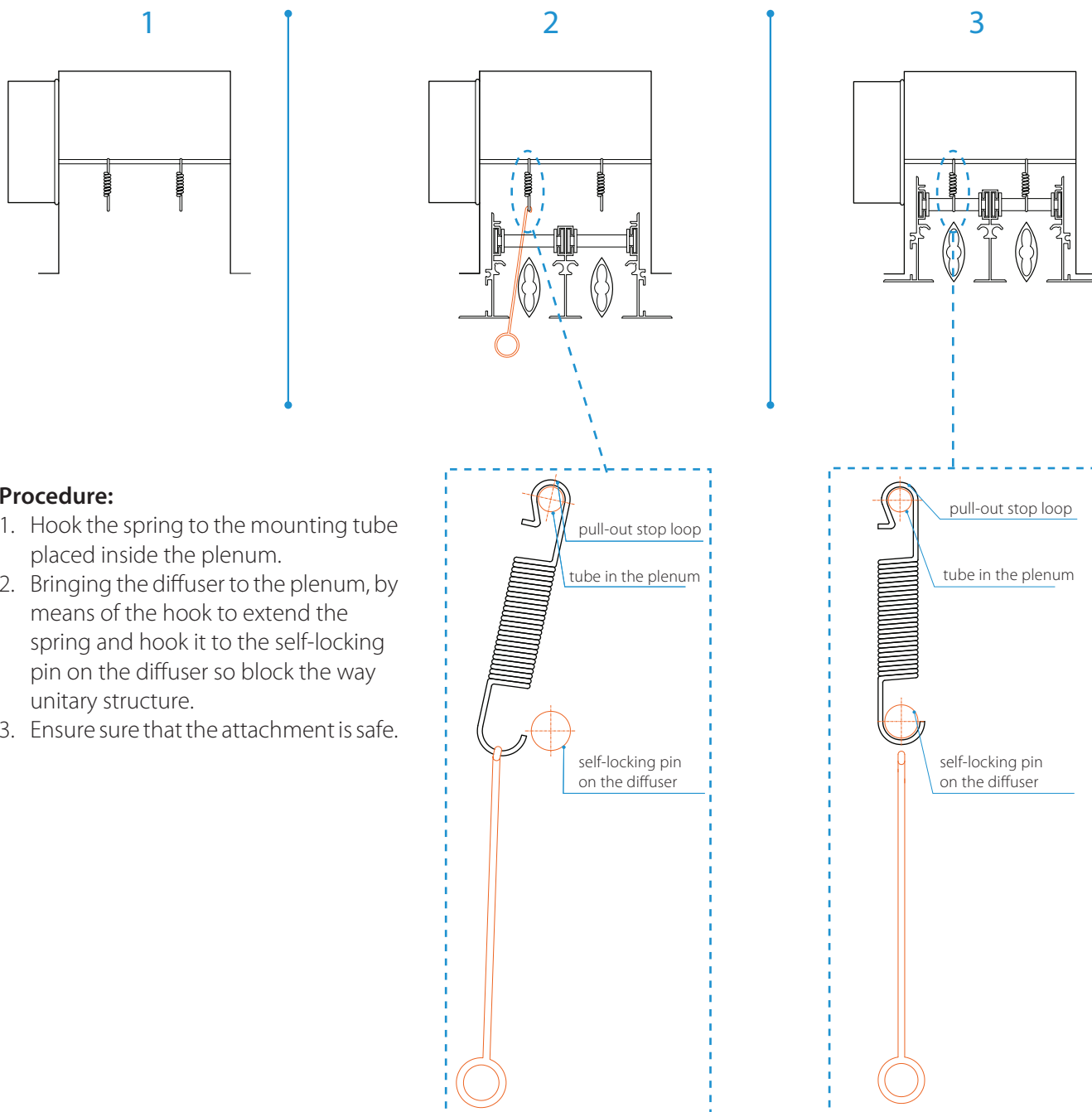


Combine the 2 parts.



Connection point

Dlf Diffuser Plenum Pdl1 Assembly Diagram

**Procedure:**

1. Hook the spring to the mounting tube placed inside the plenum.
2. 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.
3. Ensure sure that the attachment is safe.

Accessories

CVLT 1-4 slots	
CVLT 5-8 slots	
CM spring	
CG hook	
CC kit continuity (2 pieces)	