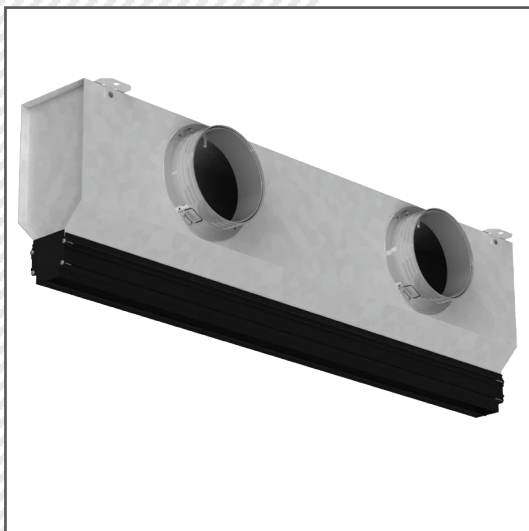




Characteristics

Linear single slot diffusers standard version matt black with deflector, without frame for hidden installation, for wall or ceiling installation. DLFLDW special finish RAL 9016. Ceiling or wall installation for air supply and return. Possibility of frontal throw and lateral throw with Coanda effect.

Material

Extruded anodised aluminium diffuser painted RAL 9005 with plastic deflector RAL 9005. Plenum box in galvanized steel with circular connection in plastic material and optional external insulation in polyethylene sp. 6 mm.

Fixing

Bracketing on the wall or floor using brackets placed on the plenum. Support seats of the wall or floor in plasterboard made on the same diffuser.

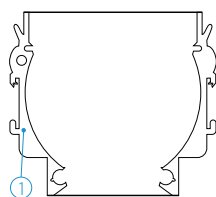
Accessories

Sliding damper. Equalizer.

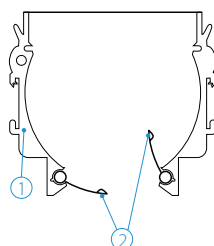
Versions

DLFL10: Standard diffuser (1).
DLFL20: Diffuser with deflectors (1) + (2).
DLFL30: Diffuser with sliding control damper (1) + (3).
DLFL40: Diffuser with sliding control damper and deflectors (1) + (2) + (3).
PDLFL: Not insulated plenum box.
PDLFLI: Insolated plenum box.
PDLFLEQ: Not insulated plenum box with equalizer.
PDLFLIEQ: Insolated plenum box with equalizer.

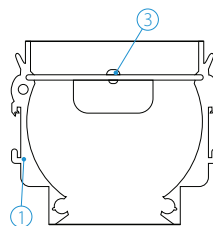
DLFL10



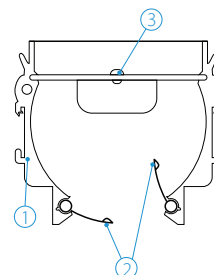
DLFL10



DLFL10

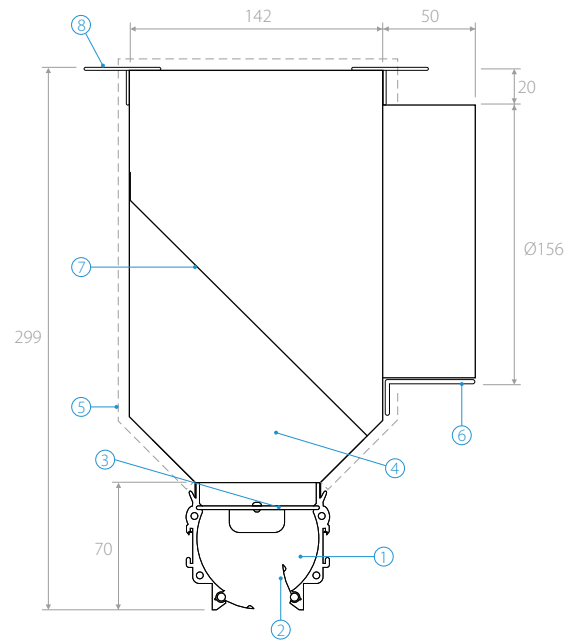
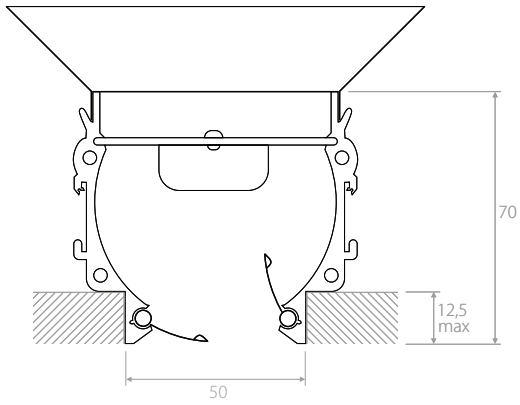


DLFL10

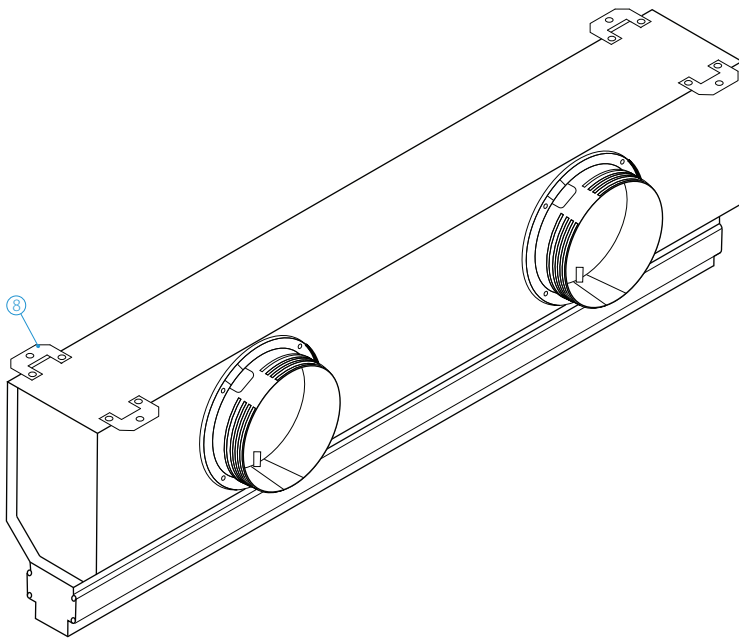


- (1) Diffuser
- (2) Deflectors
- (3) Sliding damper

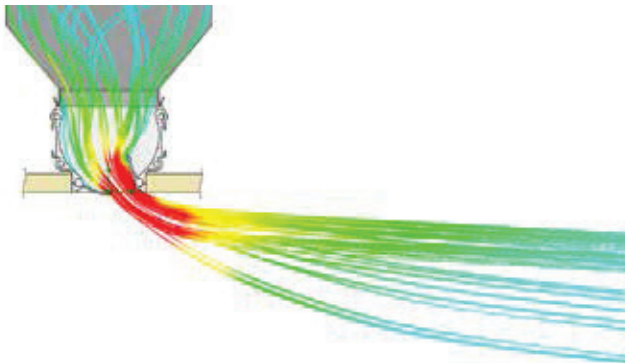
Drawings



- (1) Diffuser
- (2) Deflectors
- (3) Sliding damper
- (4) Plenum box
- (5) Plenum box insulation
- (6) Spigot
- (7) Equalizer
- (8) Fixing brackets



Horizontal throw with coanda



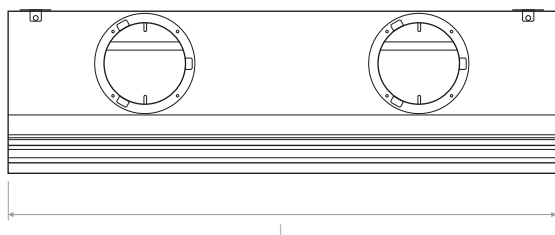
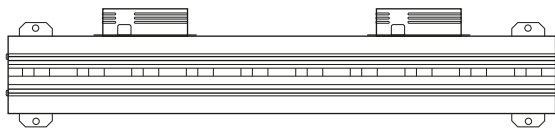
Vertical throw



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
DLFL 1000	0,01715	125	430	34	48	5,68	15,36	10	50

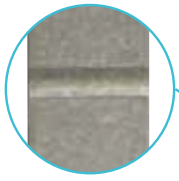
Without equalizer and calibration damper completely open.



Plenum boxes

Lenght [mm]	Ø no. spigots
600	156 - 1
800	156 - 2
1000	156 - 2
1200	156 - 2
1500	156 - 3
2000	156 - 4

Continuity Solution



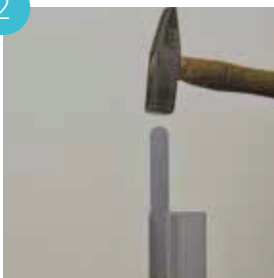
Clamping point

1



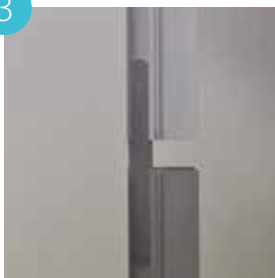
Insert the bracket into the profile in the direction indicated.

2



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

3



Combine the 2 parts.

Pripomočki

CC
Kit continuity
(2 pieces)

