



Characteristics

Linear slot diffusers with airfoil section rotating deflector.

Models:

- DL-XS 10: standard diffuser (without sliding control damper and deflector),
- DL-XS 20: diffuser with deflector.

Material

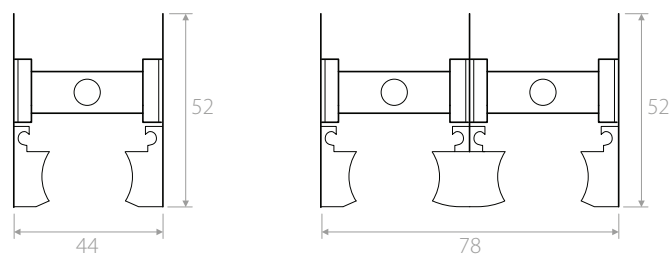
Anodized extruded aluminium, deflector made of black polypropylene RAL 9005 (version B) or deflector polypropylene white RAL 9003 (W version).

Fixing

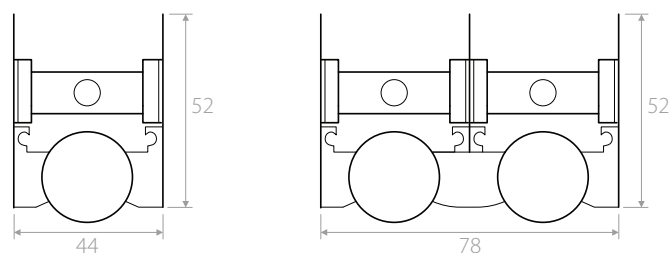
For structural reasons the diffuser is supplied already assembled to the plenum with an airtight system. The assembly is then engaging on the plenum.

Drawings

DL-XS 10



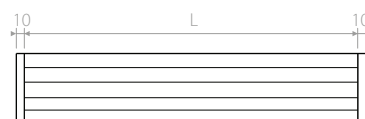
DL-XS 20



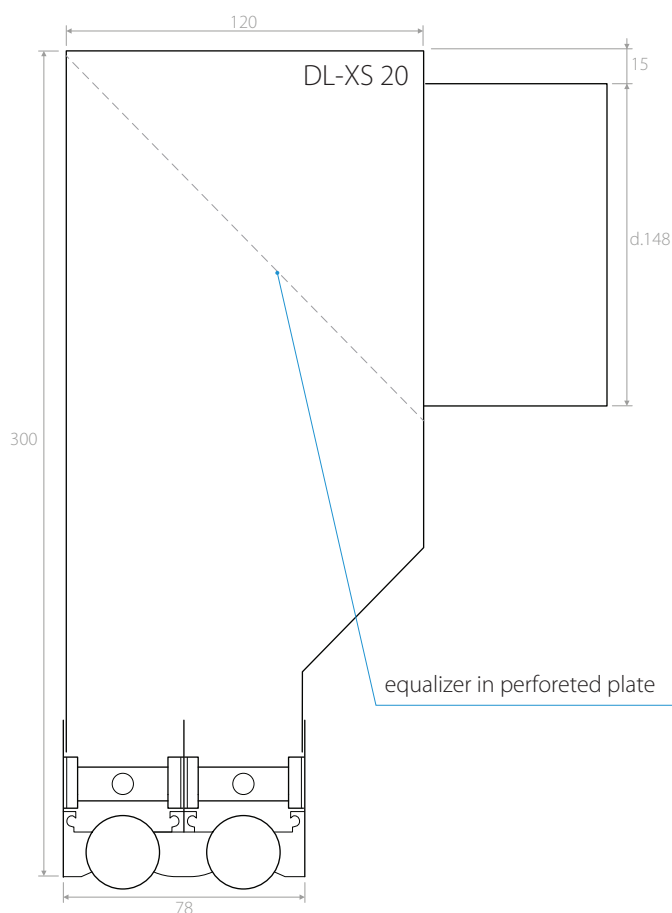
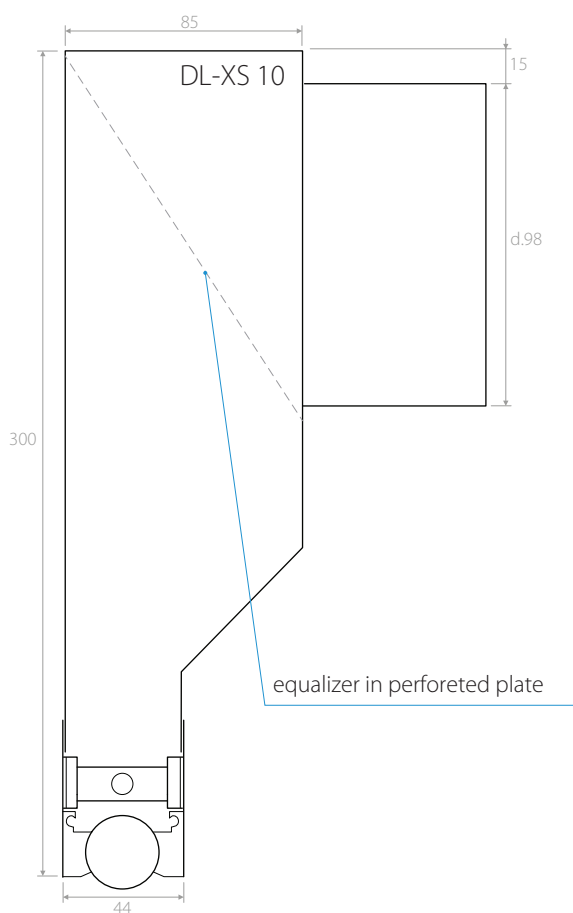
Dimensions

N. slots	Lenght [mm]	Ø spigot N. spitos
1	500	98-1
	800	98-1
	1000	98-2
	1500	98-3
2	500	148-1
	800	148-2
	1000	148-3
	1500	148-4

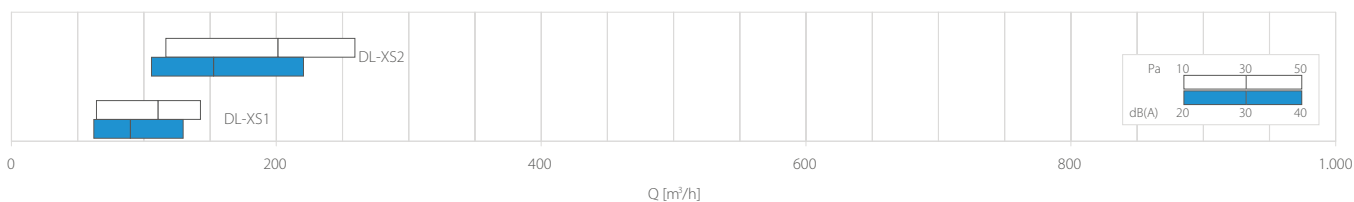
Standard dimensions



Drawings



Quick selection diagram



Selection table

Model	A_k [m²]	Q [m³/h]		L_{WA} [dB(A)]		$X_{(0,25)}$ [m]		Dp^* [Pa]	
		min	max	min	max	min	max	min	max
DLXS1	0,00620	60	140	-	42	3,3	7,7	10	50
DLXS2	0,01240	120	260	23	44	4,3	9,4	10	50