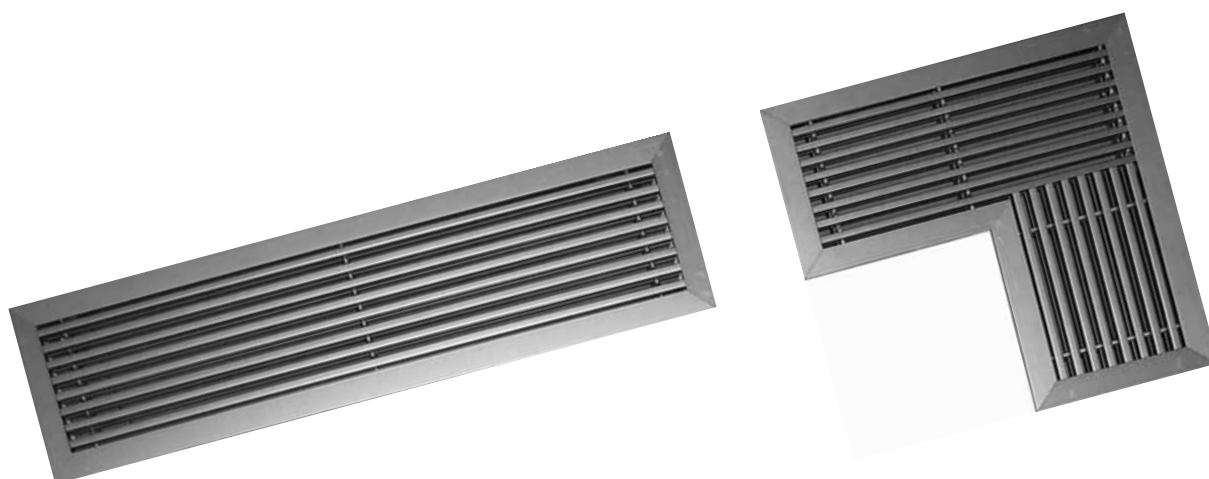


FLD – LINEAR FLOOR DIFFUSERS



Description

- Designed for air supply in ventilation and air-conditioning installations, where floor air supercharge is required.
- Possible wall installation.

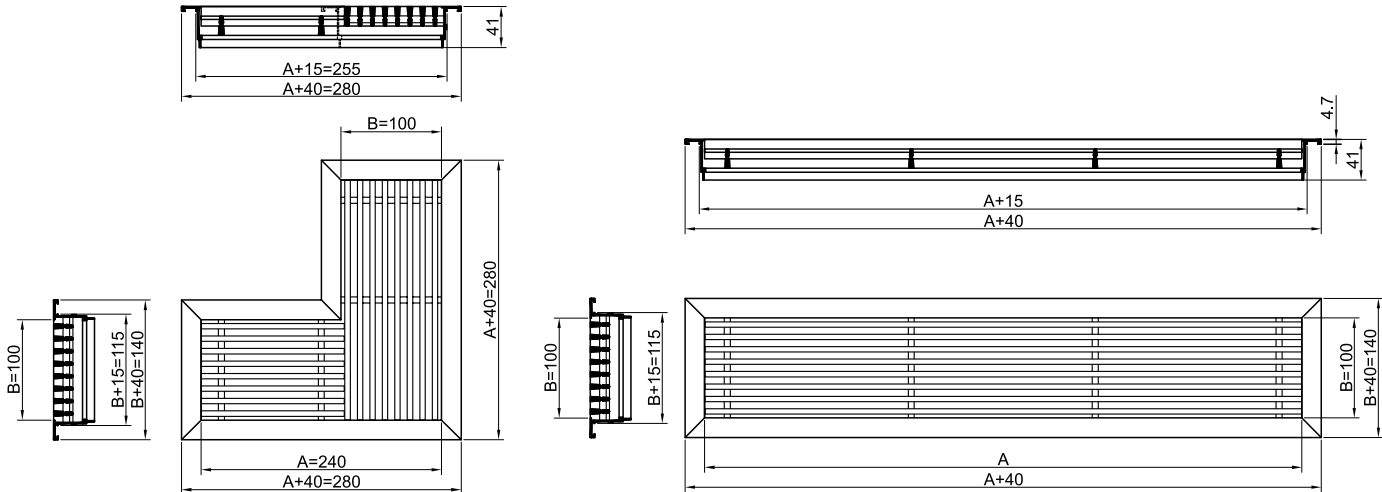
Construction

- Constructed of special anodized aluminium profiles bearing the weight of the human body.

Installation

- For installation with plenum box or direct joining to the building elements. In case of floor installation, it is important to ensure option for cleaning and drainage of the elements.

Overall and joined dimensions



Standard dimensions

A [mm]	300	400	500	600	800	1000	1200	1500	2000
B [mm]	100	100	100	100	100	100	100	100	100
F ₀ [m ²]	0.03	0.04	0.05	0.06	0.08	0.10	0.12	0.15	0.20

F₀ – free cross section [m²]

Note: Size B = 150mm is produced only upon request.

Pressure drop ΔP [Pa]

W ₀ [m/s]		1		2		3		4	
A [mm]	B [mm]	V [m ³ /h]	ΔP [Pa]	V [m ³ /h]	ΔP [Pa]	V [m ³ /h]	ΔP [Pa]	V [m ³ /h]	ΔP [Pa]
300	100	108	4	216	12	324	22	432	29
400	100	144	4	288	12	432	22	576	29
500	100	180	4	360	12	540	22	720	29
600	100	216	4	432	12	648	22	864	29
800	100	288	4	576	12	864	22	1152	29
1000	100	360	4	720	12	1080	22	1440	29
1200	100	432	4	864	12	1296	22	1728	29
1500	100	540	4	1080	12	1620	22	2160	29
2000	100	720	4	1440	12	2160	22	2880	29

W₀ – free cross section [m/s]

ΔP – velocity in the front section [Pa]

Order designation

FLD 800 / 100

Joined height: 100

Joined width: 300, 400, 500, 600, 800, 1000, 1200, 1500 or 2000

Linear floor diffuser