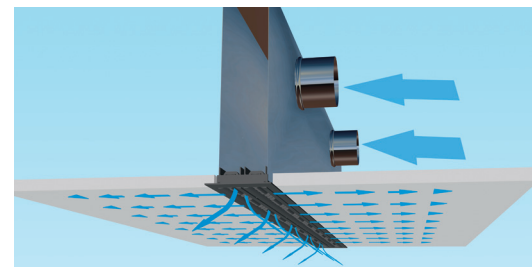


Air diffusers for highest requirements

Series LDB / LDB LTG System clean®



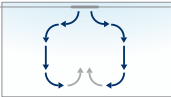
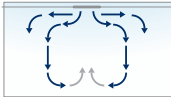
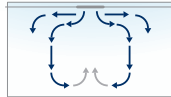
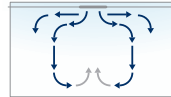
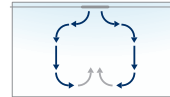

LDB linear air diffusers ensure effective ventilation and optimised air conditions.

- **Comfortable:**
 - Rapid mixing of supply and room air to create comfortable thermal environments
 - Uniform, optimal purging of the room with fresh air
 - A pleasant room climate thanks to uniform temperature distribution
- **Quiet** through optimised flow through inner cylinder contours
- **Variable:** Limitless options for design, colour and surface appearance
- **Flexible:** Can be adjusted to individual spatial conditions without impeding operation
- **Low maintenance:** minimised contamination around the diffuser thanks to patented LTG System clean®
- **Now also available completely made from metal:**
 - Vandalism-proof and non-flammable
 - Narrow and unobtrusive – perfectly integrable into train ceilings

NEW

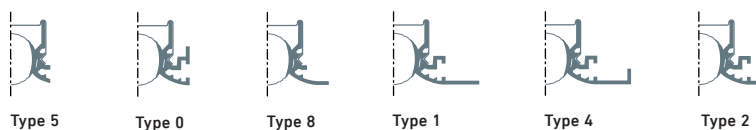
Air Diffusers

LTG Linear diffusers LDB

	LDB 12	LDB 12/8 LTG System clean*	LDB 12/M LTG System clean*	NEW LDB 15 LTG System clean*	LDB 20/8	LDB 50
Features / application	Inconspicuous installation in shaded joints and suspended ceilings	For high comfort, additional slot in the diffuser border profile to reduce contamination around the diffuser	Completely made from metal, non-flammable. Inconspicuous installation in suspended ceilings. Meets highest architectural demands with its narrow and unobtrusive build. With LTG System clean*.	Plug in elements, additional slot in the diffuser border profile to reduce contamination around the diffuser.	For high comfort	For high ceilings and large volume flow rates
Number of slot rows	1	1 2 3 4	1 2 3	1	1 2 3 4	1 2 3
Recommended volume flow rate per meter [m³/h]	65 with $L_{wA} = 35$ dB(A)	1 slot row: 70 2 slot rows: 130 3 slot rows: 190 4 slot rows: 250 with $L_{wA} = 30$ dB(A)	1 slot row: 70 2 slot rows: 130 3 slot rows: 190 with $L_{wA} = 30$ dB(A)	60 with $L_{wA} = 25$ dB(A)	1 slot row: 110 2 slot rows: 190 3 slot rows: 250 4 slot rows: 300 with $L_{wA} = 35$ dB(A)	1 slot row: 310 2 slot rows: 430 3 slot rows: 510 with $L_{wA} = 38$ dB(A)
Integrated sound absorber to increase cross-talk sound attenuation	■	■	■	■	■	■
Profile width [mm]	15 resp. 28	31 to 240	41 to 129	15 resp. 25	31 to 240	100 resp. 200 resp. 300
Length [mm]	up to 1500	up to 2000	up to 2500	up to 2000	up to 2000	up to 2100
Diffuser elements adjustable	■	■	■	■	■	■
Connection box with integrated air regulator	—	■	■	—	■	—
Air diffusion						

Choice of border profiles

(can be combined with LDB 12/8 and LDB 20/8)



Profiles and cylinders are available in all colour systems (e. g. RAL, Pantone, ...) and can be combined individually