


# LTG Air Diffusers

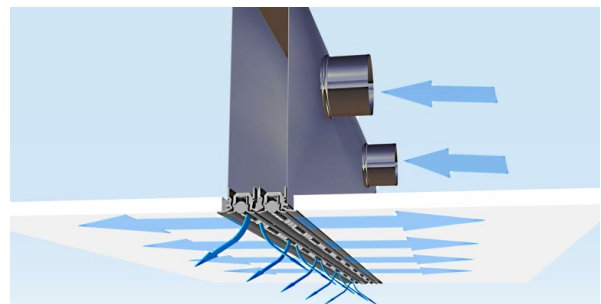
## Air Diffusers for Ceiling, Wall or Floor

| Linear Diffusers  |  |
|---|--|
| Splitting of fresh air into highly inductive individual jets 1...4 slot rows; up to 510 m <sup>3</sup> /h recommended flow rate per m. Wide choice of border profiles, available in many colour systems (e.g. RAL, Pantone ...). Variably adjustable plastic cylinders in white, gray or black.   |  |
| Ceiling   | <b>LDB 20 classic</b><br>Linear diffuser for a high degree of comfort<br><br><b>LDB 50 maxx</b><br>For large air quantities  |
|   | <b>LDB 12 clean</b><br>High degree of comfort, with LTG System clean®  |
|   | <b>LDB 12 small</b><br>For inconspicuous installation in shadow gaps and suspended ceilings  |
|   | <b>LDB 12 style</b><br>Completely made of metal With LTG System clean®   |
|   | <b>LWmodule</b> (LTG System clean®)<br>Both supply and return air diffusion in a single device (LWK) or separately (LWE)<br>Integrated sound absorber<br>For installation in drywall |
| <b>Linear Diffusers</b><br><b>LDU</b><br>Highly inductive floor-mounted linear diffuser 1...2 slot rows<br>Up to 140 m <sup>3</sup> /h recommended flow rate<br><br><b>LDU-W and LDU-W/H</b><br>Highly inductive 1...5 slot rows<br>Up to 400 m <sup>3</sup> /h recommended flow rate<br>With reheater (.../H)<br> |  |
| <b>Ceiling Diffusers</b><br><b>DSA / MSA</b><br>First invisible air diffuser, integrated in plasterboard construction / metal ceiling systems<br>Space-saving by low setup height of 210 mm   |  |
| <b>Transfer Air Device</b><br><b>LDO-T</b><br>Air transfer and limitation of pressure differentials between rooms<br>100...150 mm wall thickness<br>Significant crosstalk sound attenuation   |  |

## LTG System clean® - unique and ingenious!

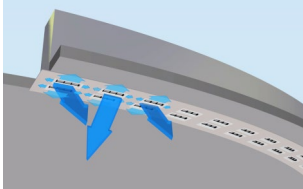
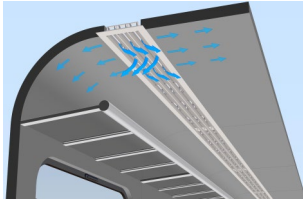
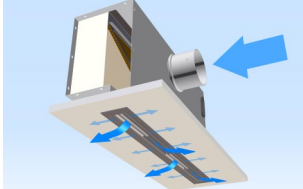
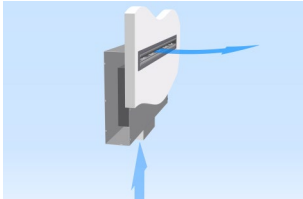
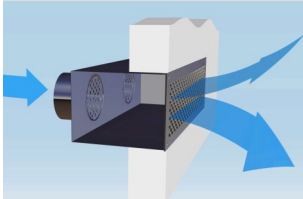
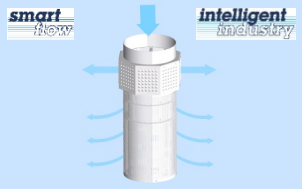
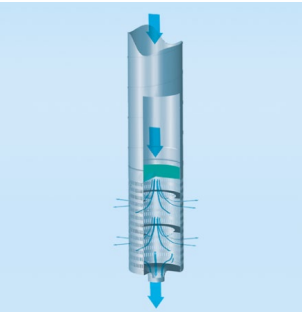
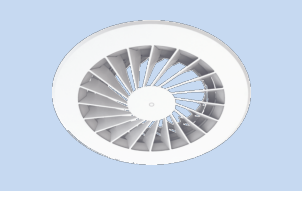
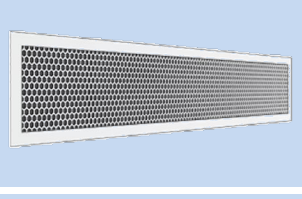


Contaminants within the room air like dust, tobacco smoke, carpet abrasions, dust or oil vapour deposit around the ceiling and diffuser as a result of entrainment. The LTG System clean® prevents surface staining almost completely by providing a screen of clean supply air across the ceiling. Benefits: The costs of renovation and maintenance are considerably reduced.

The LTG System clean® is available for the products LDB, LWmodule und LDR.



## LTG Air Diffusers

### Applied / Customized Solutions



| Linear Diffusers                              |  |
|---|--|
| Ceiling                                       |  <p><b>LDR, LDR</b> LTG System clean®<br/>Whether as a visible design element with straight or curved lines, or almost invisible: Variable shapes and colour available</p>                  |
|   |  <p><b>LDB 12/M</b> LTG System clean®<br/>Completely made from metal, non-flammable<br/>Inconspicuous installation in suspended /system ceilings<br/>Ideal for railway technology</p>       |
|   |  <p><b>LDBhome</b> LTG System clean®<br/>Comfortable ventilation of residential buildings<br/>Attractive visual appearance<br/>Completely made from metal<br/>Available in all colours</p> |
| Wall  |   |
| Displacement Wall & Step Diffusers            |  |
| Floor   |  <p><b>BLQ</b><br/>Especially suitable for cinemas, theatres or concert halls<br/>Installation in walls or step risers</p>  |
| Diffusers for Industry / Large Air Flow Rates |  |
| Ceiling                                       |  <p><b>ILQsf</b> LTG System SmartFlow<br/>Smart /demand-controlled ventilation, heating, cooling<br/>Effective removal of thermal and material loads thanks to layered ventilation</p>     |
|   |  <p><b>ILD</b><br/>Especially suited to industrial and production halls, lobbies, entrance and work areas, as well as sports facilities<br/>Installation at heights from 3...12 m</p>      |
| Diffusers for Halls / Large Air Flow Rates    |  |
| Ceiling                                       |  <p><b>ILH</b><br/>Adjustable helical swirl diffuser for room heights from 2.5 up to 15 m<br/>Low-noise operation</p>  |
|   |  <p><b>ILF</b><br/>Adjustable multistream diffuser with perforated front face, advanced standards for comfort<br/>Throws 3...18 m</p>  |
| Wall  |  <p><b>ILW</b><br/>Adjustable circular nozzle for directed air supply into halls<br/>Installation in walls or ducts</p>  |
| Floor   |  <p><b>ILB</b><br/>High induction air diffuser with inclined supply air flow<br/>Ideal for raised access floors and hollow floors</p>  |

### LTG planning tools – we support you!

Visit the download area on our website [www.LTG.net](http://www.LTG.net) with helpful tools, such as dimensioning programs, streaming videos and product information! Also available: Our product overviews about air diffusers, air-water systems and air distribution products.

#### DOWNLOADS

ProductNavigator & DocumentFinder

|   |  |   |
|---|--|---|
|  | <b>ProductNavigator</b><br>Please choose your desired product.         | ▶ |
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