



INDUL Linear diffuser



Seit 1877

Kiefer

Luft- und Klimatechnik

Neue Wege mit Luft

Auditorium Allianz SE in Munich



Photos © Ken Schluchtmann

INDUL linear diffusers as a special solution fitted individual in the cover segments of the light ceiling.

Architectural challenge

The architectural renovation of the Allianz SE headquarters in Munich represents the combination of timeless modernity and detailed design. The atrium is the centre of the entire building. As well as being the reception hall, it also acts as a junction connecting the various parts of the building that stretch over four levels from the conference room to the garden terrace. The major principles behind the new Allianz auditorium were sustainability and respect for nature – another project in which we were able to show our expertise in the elegant integration of air diffusers. The interior architecture posed particularly high requirements on the ventilation technology, calling for custom solutions as far as integrating the ventilation systems into the established design concepts was concerned. Finding a perfect ventilation technology solution that is both high-quality and creative: that is the challenge that we rise to over and over again.

Features

The process of creating the illuminated ceiling in the auditorium comprised many individual steps, in which we worked closely with the manufacturer beforehand using models and patterns to develop the structure of the linear diffusers. This required dividing the linear diffuser into multiple individual parts, and designing and manufacturing each one so that it could be fitted into the construction of the ceiling segments perfectly. For this reason, each linear diffuser was designed on an individual basis and manufactured according to the dimensions of the individual ceiling segments. The linear diffusers were also integrated elegantly into the lighting rails of the entrance area and the adjoining rooms, using the lighting to create a feeling of stylish unity. The result is the perfect integration of linear diffusers designed in accordance with the requirements of the interior architecture that simultaneously meet the high requirements placed on the ventilation technology with regard to ambient air flow and comfort.





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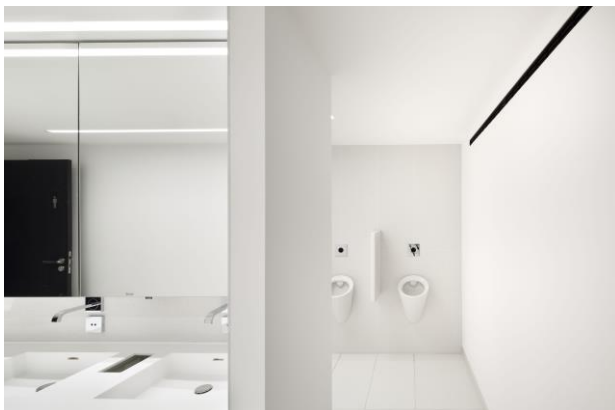
Auditorium Allianz SE in Munich



INDUL Linear diffusers in single structure integrated harmoniously and elegant in the ceiling design.



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INDUL linear diffusers integrated as a conscious design feature in the interior.

Function linear diffuser INDUL:

INDUL linear diffusers allow very small installation widths from just 15 mm. These are available in a range of designs and meet the highest demands in terms of both ventilation comfort and attractive ceiling design for an unobtrusive installation in all types of ceilings. The supply air is divided into fine individual jets which distribute the supply air into the room at an angle of 45° alternately to the left and to the right. The result is an especially uniform air distribution with an optimal diffuse ambient air flow, and no noticeable draughts.

System advantages:

- Completely draught-free air distribution
- Low diffuser widths, from 15 mm
- Unobtrusive installation in ceiling joints
- Temperature differences up to -14 K
- Light, clean ceilings due to fine-jet characteristics
- Simple, quick and clean installation in all ceiling systems
- Special installation kit for plaster ceilings

Building:	Auditorium Allianz Munich
Proprietor:	Allianz Munich
Architects:	dan pearlman Marken- und Erlebnisarchitektur GmbH, Berlin Reichwald Schultz Architekten, Hamburg, Berlin
Consultant:	ITG GmbH Landshut, Landshut
Air diffuser system:	Linear diffuser INDUL Wall air passage INDULSNAP each as a special solution according to customer's requirement
Completion:	2014

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