



## QLW-AZ

- With the TROX combination displacement air diffuser type QLW-AZ air is supplied and extracted through a single element in the wall.
- The optional cross-talk sound attenuator effectively suppresses the transmission of sounds from room to room.

## PRODUCT DESCRIPTION ▼

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The combination displacement flow diffuser type QLW-AZ for supply and extract air has been designed for horizontal installation into walls and formed plaster board bulkheads. In contrast to the well-known principle of mixed air flow, these diffusers guarantee low turbulence air supply. The discharge velocity is very low. While in mixed flow the objective is to get as much induction as possible (by mixing room air with the supply jet), displacement air flow aims to achieve the lowest induction possible.

These combination diffusers discharge the supply air in the lower section. Extract air is taken out through the top section of the diffuser.

In cases where increased cross-talk attenuation is required, the diffusers can be equipped with a rear cross-talk attenuator module.

## Technology ▼

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rectangular

14 – 42 l/s  
50 – 150 m<sup>3</sup>/h  
30 – 89 cfm

L: 600 – 1,200 mm  
H: 250 mm