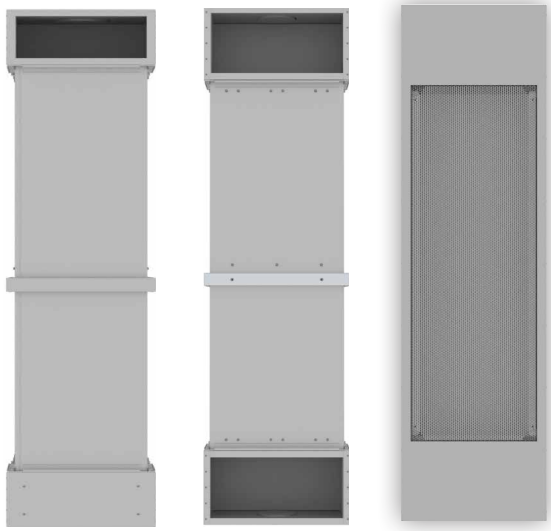
UEMWS
Overflow element for large air volumes

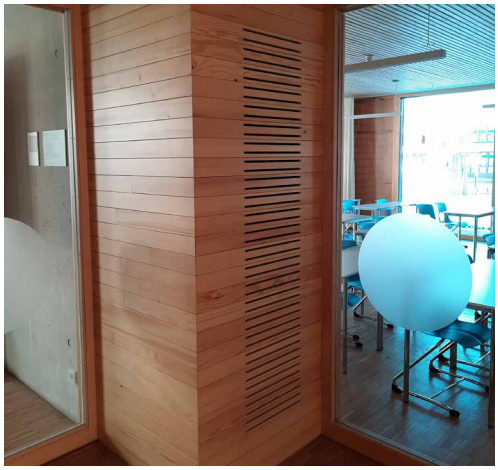
The SCHAKO UEMWS minimises the duct system, overflow up to 1175 m³/h with maximum soundproofing.



Description

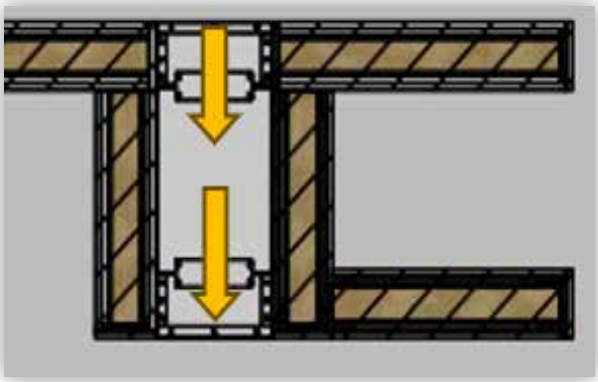
Room ventilation

The UEMWS overflow element has been developed in consultation with planners and architects to meet the high requirements for soundproofing in the overflow of large air volumes. It is used for the ventilation of rooms, with the return air flowing into adjacent rooms where it is extracted centrally. Soundproofing and sound transmission play a major role here. It is very commonly used in schools, nurseries, open-plan offices and meeting rooms. The UEMWS can be installed visibly as a wall-mounted overflow element or as a concealed model in furniture, drywall systems, suspended ceilings and much more.



Benefits

- By using the Schako UEMWS overflow element, air ducts and air routing systems are reduced to a mini-mum, which can results in considerable cost savings.

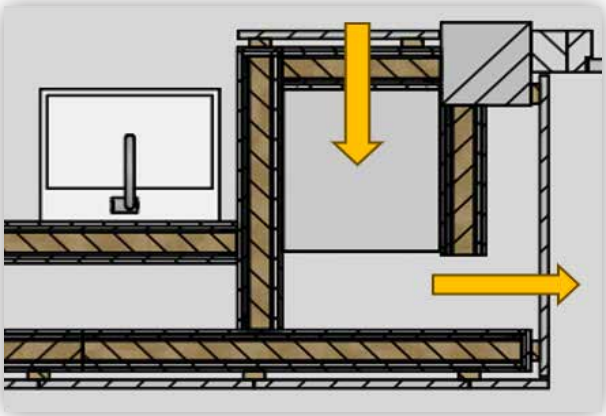


Function

Soundproofing

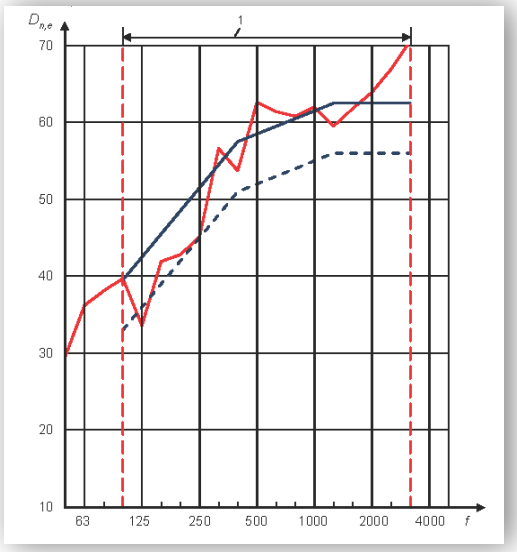
With the UEMWS, SCHAKO use a sound insulation system with a combination of sound insulation and dampening.

The air guidance duct in the overflow element is combined with various acoustically effective sound insulation and damping systems. The SCHAKO sound insulation system ensures optimal soundproofing.



Performance values

- Overflow volume up to 1175 m³/h.
- Normalised sound level difference up to Dn,e,w 59 dB.
- Measured as per EN ISO 10140 at an independent testing institute for building physics.



Technical features

- Overflow up to 1175 m³/h.
- Integrated sound insulation system guarantees maximum soundproofing
- Materials as per building material class A2 as per DIN 4102 and DIN EN 13501-1 (non-flammable).
- Low maintenance, hygiene-compliant.
- Concealed and visible mounting.
- Vesatile installation: in walls, recesses, ceilings, furniture, drywayll systems, solid walls...., as invisible installation.

Type	$D_{n,e,w}$ (dB)	V (m³/h)
UEMWS-S Installation in furniture, drywall systems.	51 - 58	< 280-1175
UEMWS-D Installation in ceilings.	51 - 53	< 280-1175
UEMWS-W Installation into walls.	58 - 59	< 230-820