

Pure competence in air.

SCHAKO 



UEMWS

Overflow element for large air volumes

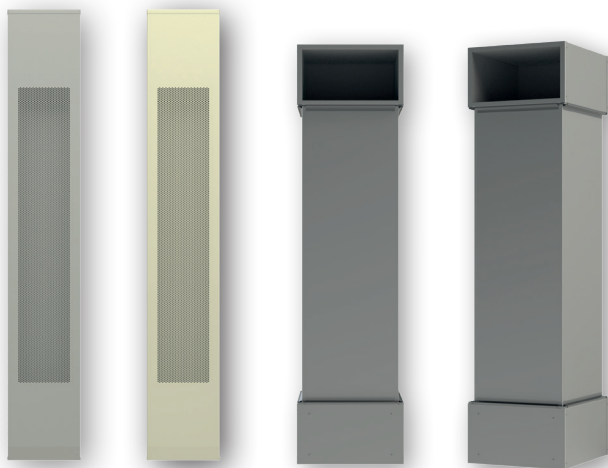
The SCHAKO UEMWS minimises the duct system, overflow up to 1,400 m³/h with maximum soundproofing.

Technical features

- Wall and furniture installation up to 1,400 m³/h air volume
- Integrated sound insulation system guarantees maximum soundproofing
- Materials as per building material class A2 as per DIN4102 and DIN EN 13501-1 (non-flammable)
- Low-maintenance, compliant with VDI 6022

Available sizes

Width (mm)	Depth (mm)	Length (mm)	D _{n,e,w} (dB)	R _w (dB)	V (m ³ /h)
340	340	1,590	51	38	< 550
490	240–440	1,750	56	≤ 44	< 1,100
640	240–440	1,890	58	≤ 45	< 1,400



Technical changes reserved.



Areas of application

Room ventilation

The UEMWS is an overflow element for large air volumes where there are also high soundproofing requirements. It is primarily used for the ventilation of rooms in which return air from hallways or adjacent rooms collects. 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.

Benefits

- By using the SCHAKO UEMWS overflow element, air ducts and air routing systems are reduced to a minimum, which can result in considerable cost savings.



Function

Soundproofing

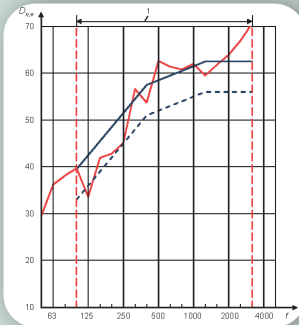
With the UEMWS, SCHAKO use a combination of sound insulation and dampening.

The air guidance duct, combined with various different acoustically effective sound insulation and dampening systems, ensures optimal soundproofing.



Performance values

- Supply and return air volume flows depending on the size up to 1,400 m³/h
- Normalised sound level difference up to $D_{n,e,w}$ 58 dB
- Sound insulation value up to R_w 45 dB, measured as per DIN EN ISO 10140-2 at a German testing institute for building physics.



SCHAKO stands for competence in ventilation and air conditioning technology. The quality standard and reliability of our products are well known throughout Europe. At our own test laboratories, we develop solutions which sustainably optimise the indoor climate in work environments and public spaces. With sites in Germany, Spain and Hungary, we deliver quickly and flexibly throughout Europe.

We carry a wide standard range and are ideally positioned to meet special air demands with individual and smart solutions as well.

Pure competence in air.

As specialists, the companies of **SCHAKO Group – ADMECO, NOVENCO Building & Industry, REVEN, SCHAKO, SCHNEIDER Elektronik, SIROCCO and SMITSAIR** – offer a unique portfolio of ventilation, air conditioning, smoke extraction & fire protection products and system solutions for operating theatres, commercial construction, public buildings, canteen kitchens, laboratories, the process industry, stairwells, underground car parks, tunnel systems and data centres.

SCHAKO KG

Steigstrasse 25-27
D-78600 Kolbingen
Germany
schako.com
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