

Acoustic Lightweight Louvres

A complete range of certified, high performance lightweight acoustic louvres to solve a wide range of environmental noise pollution problems





IAC Acoustics

Making the World a Quieter Place

Founded on an unrivalled history of engineering with some of the most pioneering discoveries in the industry, the IAC Acoustics brand is synonymous with technological innovation.

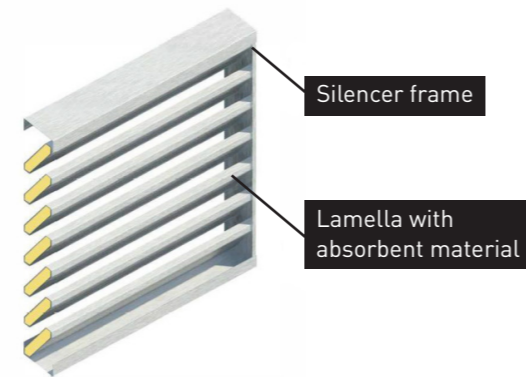
From controlling noise at a power station to tuning the sound in a TV or radio studio, IAC Acoustics has had a positive impact on society and helped to shape what can be achieved to make speech more intelligible, music more enjoyable, reduce the impact of industrial noise and protect people's sense of hearing.

The continual success of our products and services over the decades has brought the brand a reputation for quality and reliability among customers, whether they are multinational corporations or independent family businesses. This is supported by the expertise and passion of our workforce, the people behind the products, including designers, engineers and industry specialists.

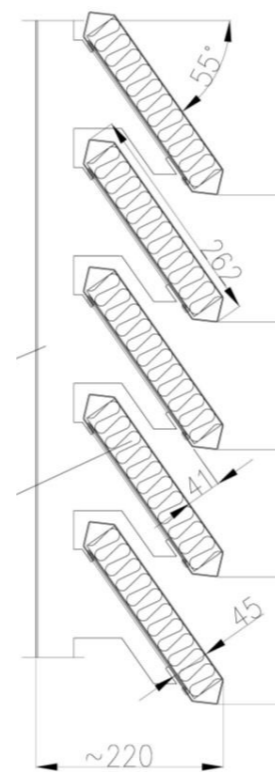
To face the ever increasing noise reduction demands of the future, we will strive to further enhance our ability to reduce excessive noise. We aim to focus on developing tomorrow's solution today, innovating faster and delivering solutions that meet the requirements of the next generation. In doing so, we will stay true to our key values and founding philosophy to make the world a quieter place.

Acoustic Lightweight Louvre specifications

Lightweight Louvres are the elements which constitute an acoustic barrier and enable air flow at the same time. They can be applied as the element of acoustic enclosures, vents' shielding of the spaces where noise emitting devices are located or as individual acoustic screens around the noise sources that require a constant air flow.



Property	Value
Single-number R_w sound reduction index	13 dB
Lenght: - Lmin - Lmax	100 mm 4200 mm
Thickness	45 mm
Width	260 mm
Tilt angle	55°
Maximum spacing of supports	1500 mm
Optical clearance	80%
Physical clearance	28%
Own weight with a hanger	16 kg/m ²
Material	Aluminum sheet, mineral wool
The structure	The hanger and frame system
Fasteners	Stainless steel, aluminum
Coating	Powder coating, metallurgical coating
Color	Any color from the RAL palette
The surface of the sheet is rough	Rough - stucco
Flammability	Non-flammable materials
Environmental protection	100% recycling
Durability of functional properties	Not less than 10 years



Louvres for noise attenuation

Suitable for placement around noisy machinery which needs natural ventilation or cooling

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