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## Acoustic Louvres

Noico Acoustic Louvres have been developed and supplied over many years, with designs to meet the specific criteria of both the building services engineer and the architect. They can be used in a range of screening applications around:

Condensers & Chillers  
 Refrigeration plant  
 Cooling towers

As well as ventilation inlets/outlets for:

Air conditioning plant  
 Boiler/pump/plant rooms  
 Processing plants  
 Diesel generators  
 Car Park Natural Ventilation



## Construction & Finish

A range of louvre types are available, within which there are also varying performances & design features. Typical standard constructions are 150mm, 270mm and 540mm deep.

Fabricated from galvanised sheet steel for the front and sides of the acoustic louvre, with perforated galvanised steel to the underside of the blades.

There are of course a range of finishing options to the solid faces of the acoustic louvre which include Plastisol coated steel (BS Colorcoat in a range of colours) or a Polyester Powder Coated finish - to standard RAL numbers. Birdscreen and insect mesh are an optional feature mechanically fixed to the rear of the louvre.

## Acoustic Performance

Typical transmission losses – actual performance will depend upon model selected to meet airflow requirements

	Sound Transmission Loss (dB)*							
	Frequency (Hz)							
	63	125	250	500	1K	2K	4K	8K
Standard 150mm deep	2	3	4	8	13	11	9	8
Standard 270mm deep	4	7	10	12	15	16	13	12
Standard 540mm deep	5	8	14	27	38	40	33	31