

Acoustic Louvres



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

Pressure Drop: Pascal's (N/m ²)					
Face Velocity (m/s)	0.5	1.0	1.5	2.0	2.5
150mm deep	2	8	18	31	48
270mm deep	2	8	18	32	50
540mm deep	3	12	26	46	72

Construction & Finish

All metal construction from either pre-galvanised steel, aluminium or stainless steel.

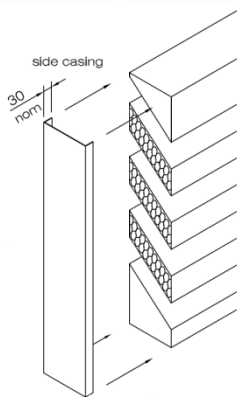
Standard depth's are 150mm, 270mm and 540mm deep.

Perforated metal forms the underside of the louvre blades to retain the absorptive mineral fibre which is packed under 10% compression.

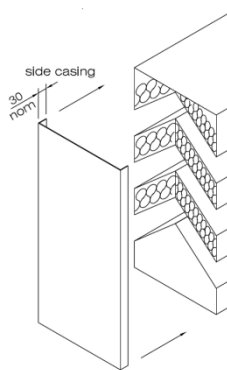
There are a range of finishes available:

- Un-painted
- Plastisol coated steel (to standard colour range)
- Polyester powder paint finish (to a standard RAL or BS colour)

Birdscreen and insect mesh are an optional feature mechanically fixed to the rear of the louvre.



150 & 270mm deep Single Bank



540mm deep Double Bank