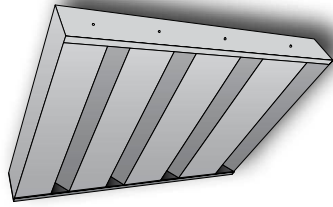


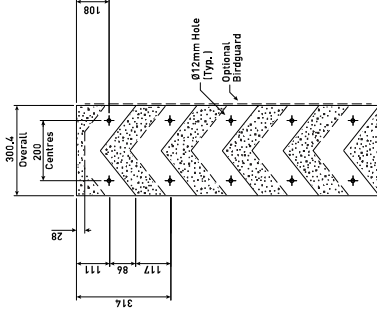
Slimshield™ Acoustic Louvres

SL-V300L

SL-V300S



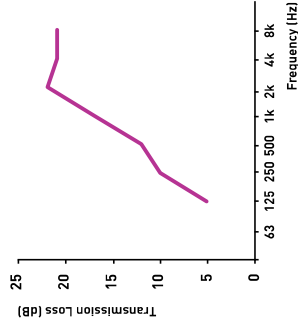
Weight 50kg/m²
Module Width 300 - 1800mm
Standard Module Height 600mm minimum, (increasing increments of 203mm)
 Intermediate heights are available



Acoustic Performance

Octave Band Centre Frequency (Hz)	63	125	250	500	1k	2k	4k	8k
Transmission Loss (dB)	-	5	10	12	17	22	21	21
Acoustic Rating	R _w 18dB / D _{rev} 26dB							

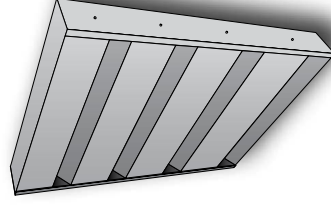
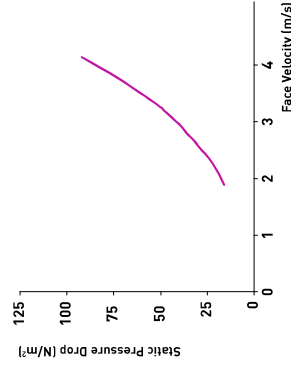
For noise reduction, add 6dB to the above values



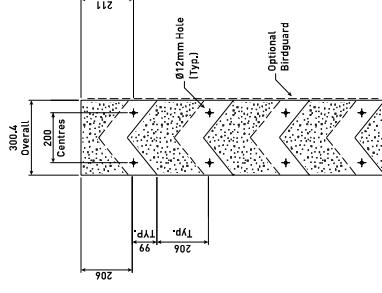
Aerodynamic Performance

Static Pressure Drop (N/m ²)	10	20	30	40	50	60	70	80	90	100
Face Velocity (m/s)	-	1.95	2.39	2.76	3.09	3.39	3.66	3.91	4.15	-
Nominal Free Area	42%*									
Aerodynamic Coefficient	(K) 8.7									

* Average over louvre depth



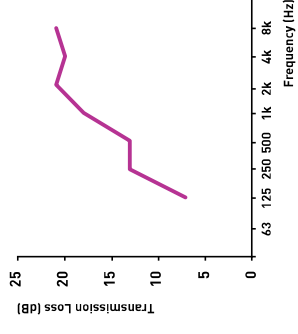
Weight 55kg/m²
Module Width 300 - 1800mm
Standard Module Height 600mm minimum, (increasing increments of 305mm)
 Intermediate heights are available



Acoustic Performance

Octave Band Centre Frequency (Hz)	63	125	250	500	1k	2k	4k	8k
Transmission Loss (dB)	-	7	13	13	18	21	20	21
Acoustic Rating	R _w 18dB / D _{rev} 29dB							

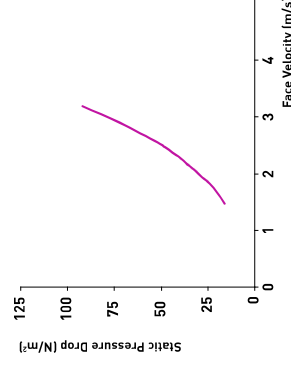
For noise reduction, add 6dB to the above values



Aerodynamic Performance

Static Pressure Drop (N/m ²)	10	20	30	40	50	60	70	80	90	100
Face Velocity (m/s)	-	1.45	1.78	2.06	2.30	2.52	2.72	2.91	3.09	-
Nominal Free Area	48%*									
Aerodynamic Coefficient	(K) 15.8									

* Average over louvre depth



Pressure Drop = $\frac{1}{2} \rho v^2 k$
 ρ = Density of Air (1.25kg/m³)
 v = Face Velocity of Air
 k = Aerodynamic Coefficient

Slimshield™ Acoustic Louvres