

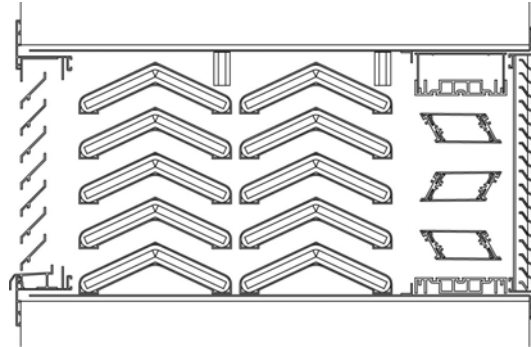
Acoustic Wall Aircool Range

These louvres are façade mounted devices allowing an air inlet or outlet for the building.

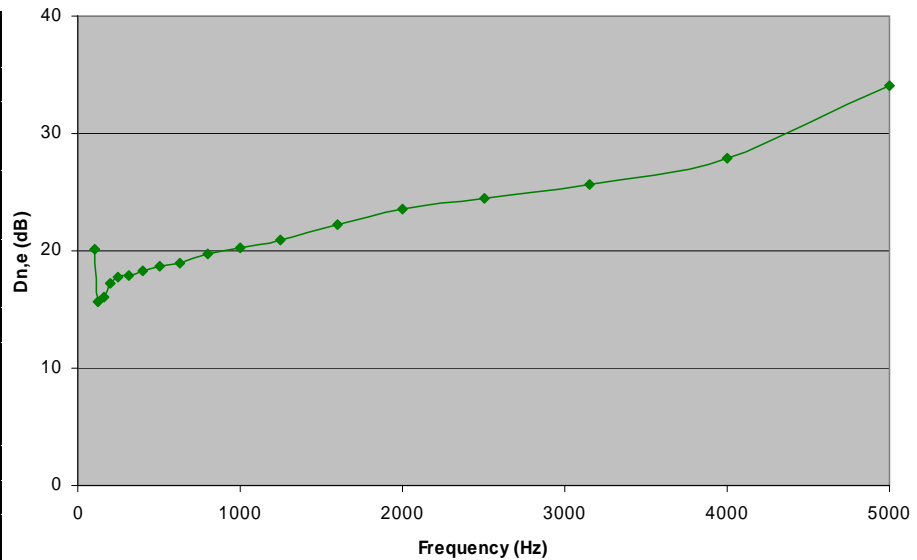
Description: [Reference 8]

570mm deep unit featuring external weather louvre and double acoustic chevron.
Internal louvre is open, with no liner and no internal cowl.

Area of test specimen: 0.60m²
Size of test specimen: 1500(w) x 400(h) mm
(Nominal opening size)



Freq (Hz)	D _{n,e} (dB)
100	20.1
125	15.7
160	16.1
200	17.2
250	17.8
315	17.9
400	18.3
500	18.7
630	19.0
800	19.8
1000	20.2
1250	20.9
1600	22.2
2000	23.5
2500	24.5
3150	25.6
4000	27.9
5000	34.1



D_{n,e,w} (dB) = 21

D_{n,e,w} = Weighted element-normalised level difference (dB) rating according to ISO 717-1
(Unit closed D_{n,e,w} value = 38dB).

Laboratory testing of airborne sound insulation of small building elements following BS EN 20140 and ISO 140-140.
Independent testing completed by the University of Salford Acoustic Division.