

## Acoustic Wall Aircool Range

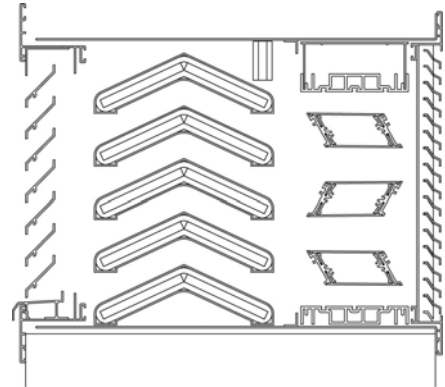
These louvres are façade mounted devices allowing an air inlet or outlet for the building.

**Description: [Reference 4]**

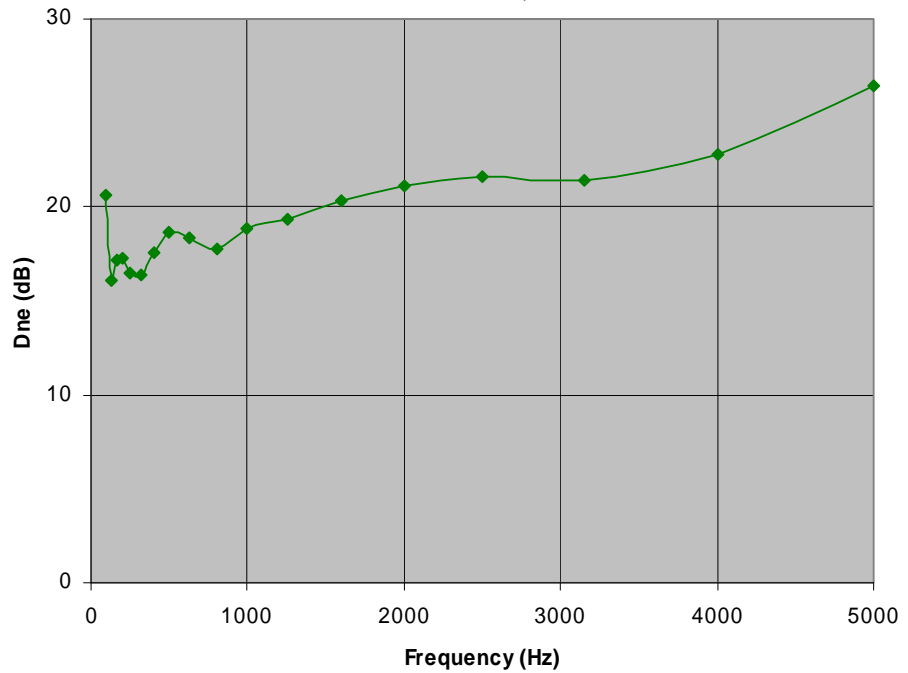
390mm deep unit featuring external weather louvre and single acoustic chevron.

Internal louvre is open, with no liner or internal cowl.

Area of test specimen: 0.60m<sup>2</sup>  
Size of test specimen: 1500(w) x 400(h) mm  
(Nominal opening size)



Freq (Hz)	D <sub>n,e</sub> (dB)
100	20.6
125	16.1
160	17.2
200	17.3
250	16.5
315	16.4
400	17.6
500	18.7
630	18.4
800	17.8
1000	18.8
1250	19.3
1600	20.3
2000	21.1
2500	21.6
3150	21.4
4000	22.8
5000	26.4



### **D<sub>n,e,w</sub> (dB) = 20**

D<sub>n,e,w</sub> = Weighted element-normalised level difference (dB) rating according to ISO 717-1  
(Unit closed D<sub>n,e,w</sub> 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.