

Attenuator Data/Details

Attenuator Model – DA200:100 2300/2800 SL-110

Manufacturer – Danann Air Ltd

ATTENUATOR

The attenuators are constructed using 200mm wide pods, installed in the airstream parallel to airflow. There are also 2No 110mm side lining splitters. These 200mm pods, when installed create several 126mm air channels to provide an approx 40% free area. The pods are packed with a sound absorbing material and fitted with a protective sheeting, which prevents the release of fibrous particles into the airstream.

The attenuator casing is to be 1.2mm galvanised steel.

Attenuator Dimensions 1200mm(L) * 2300mm(W) * 2800mm(H) – Image below for ref only.

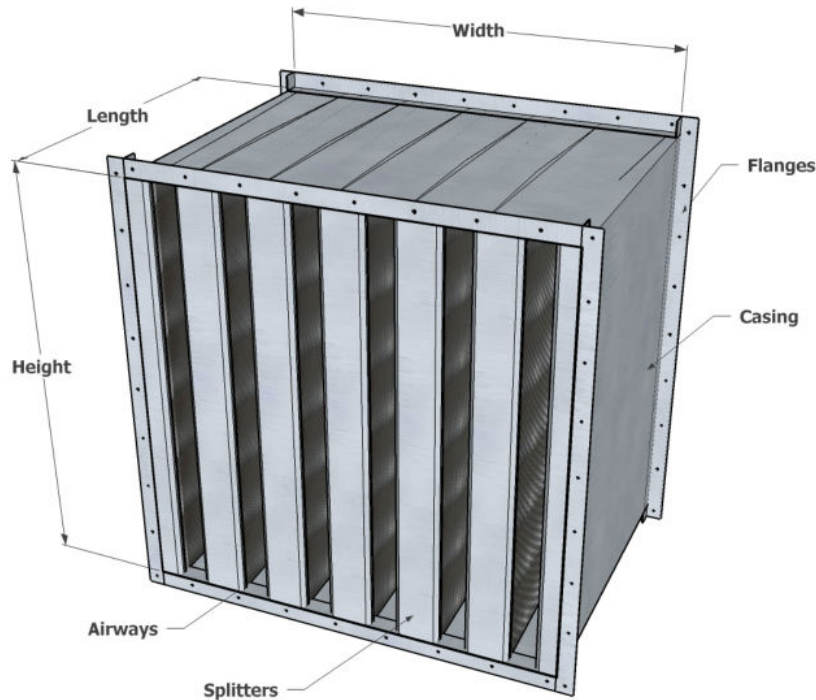
Acoustic Splitter Element Spacing / dimensions

6 central splitters 200mm wide

2 side lining splitters 110mm wide

7 central airways 125.7mm

Acoustic Infill min density 32kg/m3.



| Attenuator | Insertion Loss dB at Octave Band Centre Frequency (Hz) | | | | | | | |
|--|--|-----|-----|-----|------|------|------|------|
| | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
| Danaan Air DH Extract Unit 1200 mm with fan flow grids | 8 | 13 | 22 | 36 | 45 | 45 | 36 | 24 |

Pressure Drop @32m3/s

65-75Pa