

# ATTENUATORS

Acoustic Hardware attenuators reduce noise propagating through ductwork and emitted from plant areas. Attenuators provide high performance attenuation for demanding applications.

### Typical Applications:

- Reduce plant noise passing through ductwork
- Reduce external noise entering building through ductwork
- Reduce noise breakout from runs of ductwork
- Reduce noise emitted from air intakes/exhausts
- As part of a wider noise control solution

### Specification and Options

Each attenuator is selected to suit the specific plant item and the environmental noise considerations, such as CIBSE NR levels or external noise limits.

Attenuators manufactured from galvanised sheet metal.

- Range of connections available (typical mezz20)
- Melinex lined for protective or food atmospheres
- Low frequency attenuator model available
- Chlorine-safe finishes
- Rectangular, Circular, Circular Podded, 90° bends and lined ducts/bends available.

### Ordering

Acoustic Hardware Ltd. can specify and supply attenuators, or supply to third party specifications. Please send your attenuator specification list for a competitive quote.

Alternatively AHL offer an attenuator selection service. We require building drawings in plan and profile, an FCU specification, your preferred noise criteria (if any) and proposed intake/outlet grille details. Please call to discuss your requirements and typical costs.

Attenuators are a contractor installed item – AHL do not offer an install service.

All attenuators are made to order and manufactured to standard sheet metal tolerances of  $\pm 2\text{mm}$ .

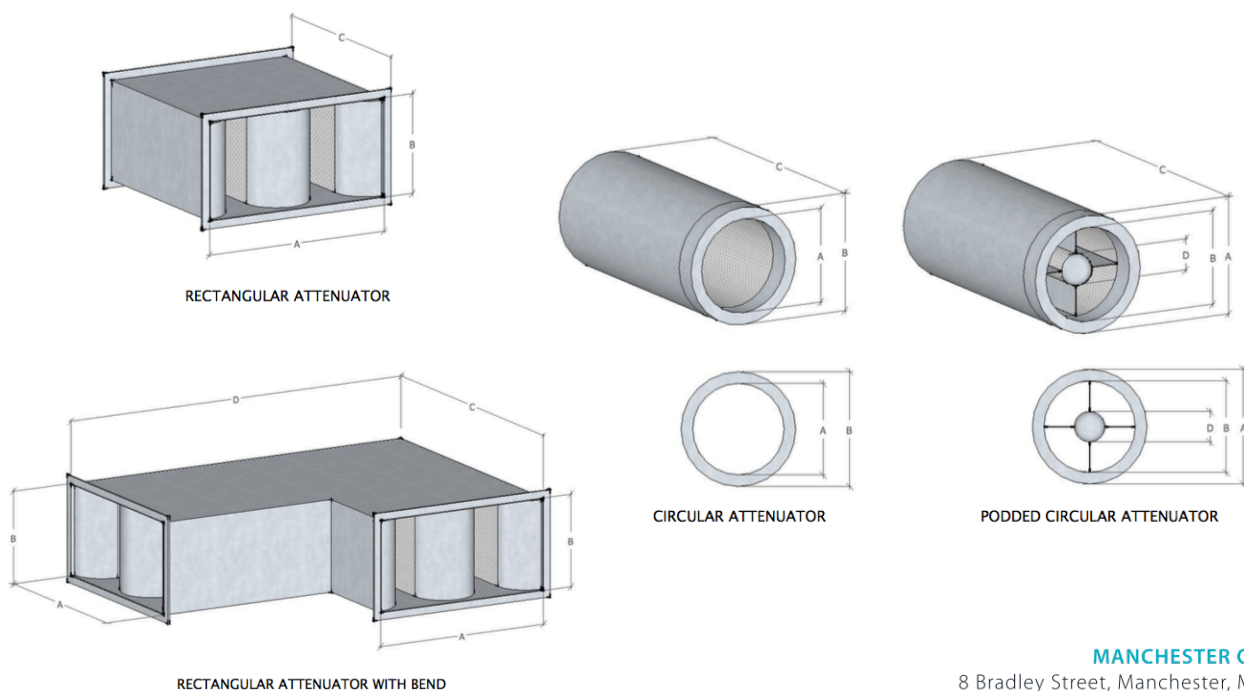
Flanges, cleats, supporting steelwork, flashing, mastic or other such installation consumables are not included unless specified.

### Acoustic Performance

Octave band C frequency	63	125	250	500	1k	2k	4k	8k
Attenuator performance (dB)	Unique to each design							

### Aerodynamic Performance

Static Pressure Drop (Pa) *	Unique to each design
Nominal free area	Typical 20-50% Free Area



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