

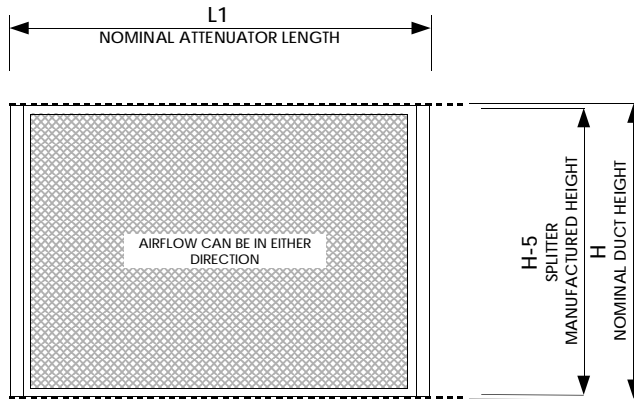
# DATA SHEET A10D RECTANGULAR ATTENUATOR LOOSE SPLITTERS MODEL SP

THIS IS NOT A STAND ALONE DOCUMENT AND UNLESS REFERRED TO IN A DATED EQUIPMENT SCHEDULE IS SUBJECT TO REVISION WITHOUT NOTICE.

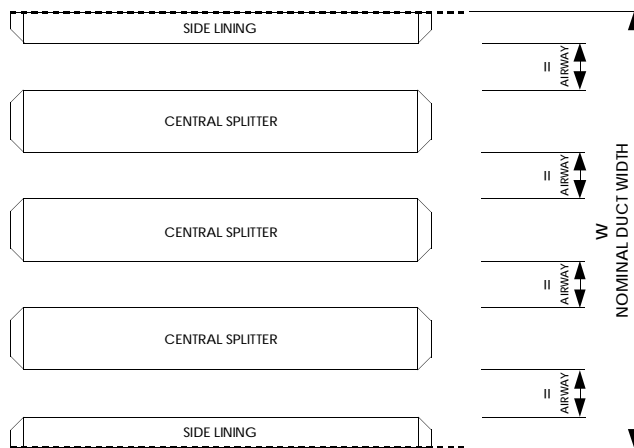


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## DIMENSIONS



SIDE



PLAN

## SPECIFICATION

SOUND ABSORBENT ELEMENTS ARE ARRANGED WITHIN THE CASING TO FORM A SERIES OF CENTRAL SPLITTERS AND SIDE LININGS WITH EQUAL AIRWAYS.

SPLITTER FRAMES ARE FORMED FROM PRE-GALVANISED STEEL AND CONTAIN A FIBROUS INFILL THAT IS NON-SHEDDING, NON-COMBUSTIBLE, NON-HYGROSCOPIC AND CHEMICALLY INERT. THE INFILL IS FACED WITH GLASS CLOTH AND PRE-GALVANISED PERFORATED STEEL.

SPLITTER ELEMENTS HAVE AERODYNAMIC FAIRINGS ON AIR ENTRY AND AIR EXIT END OF ATTENUATOR.

SPLITTERS ELEMENTS CAN BE FIXED WITH SELF-TAPPING SCREWS OR POP RIVETS IF INSERTED INTO SINGLE SKIN DUCTING OR OTHERWISE BY SPECIAL BRACKETS IF FITTED INTO INSULATED DUCTWORK, AIR HANDLING UNITS OR BUILDERSWORK DUCTS (BRACKETS NOT SUPPLIED AS STANDARD).

## CODE

THE ATTENUATOR CODE DEFINES THE SPLITTER AND AIRWAY DIMENSIONS AND IS GIVEN ON THE EQUIPMENT SCHEDULE.

## NOTES

THIS DATA SHEET IS TO BE READ IN CONJUNCTION WITH THE EQUIPMENT SCHEDULE.

EXCESSIVELY LARGE OR HEAVY SPLITTERS MAY BE MANUFACTURED IN MATING SECTIONS FOR EASE OF HANDLING.

ANY GAPS BETWEEN THE SPLITTERS AND CASING MUST BE ADEQUATELY SEALED BY THE INSTALLERS.

SPLITTERS WILL BE SUPPLIED WITHOUT SUPPORT STEELWORK, BRACKETS, FIXINGS, GASKET, MASTIC OR OTHER SUCH ITEMS, UNLESS OTHERWISE STATED.

DIMENSIONAL TOLERANCE TO SHEET METAL MANUFACTURING STANDARDS OF +/- 3 mm.

THE PRESSURE LOSS STATED ON THE EQUIPMENT SCHEDULE IS DERIVED FROM TESTS CARRIED OUT IN ACCORDANCE WITH ISO 7235.

## SUFFIX

THE SUFFIX DEFINES ADDITIONAL FEATURES OR SPECIAL CONSTRUCTIONAL DETAILS.

L - LOOSE SPLITTERS

G - GALVANISED STEEL CONSTRUCTION.

S - STAINLESS STEEL CONSTRUCTION.

U - UPVC/GRP CONSTRUCTION (SEPARATE DRAWING).

H1 - 2 HOUR/300°C CONSTRUCTION.

C - CHLORINATED RUBBER PAINT .

J - SPLITTERS ARRANGED HORIZONTALLY.

M1 - MELINEX LINED INFILL.

M2 - MELINEX ENCAPSULATED INFILL.

## STANDARD SIZES

THERE ARE NO STANDARD SIZES. ALL ATTENUATORS ARE MADE TO ORDER.

## WEIGHT

WEIGHTS ARE GIVEN ON THE EQUIPMENT SCHEDULE.