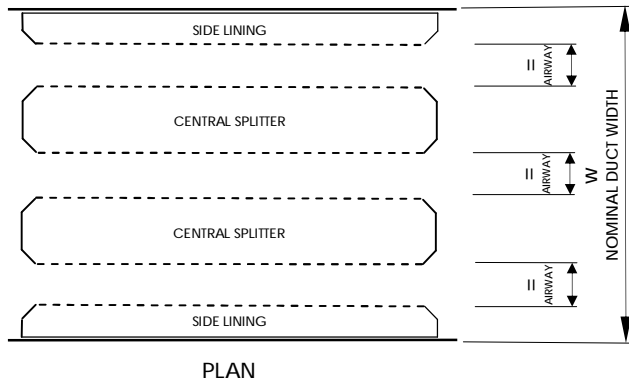
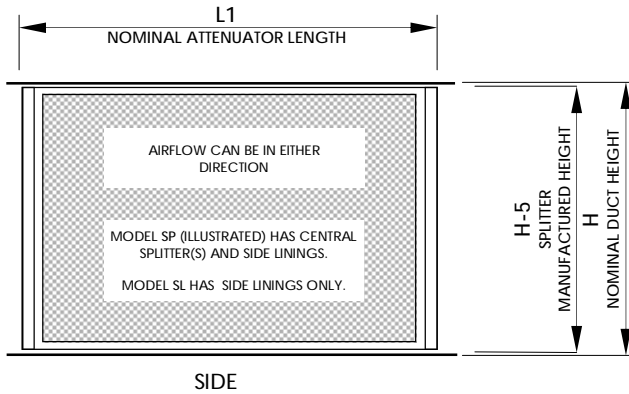


# DATA SHEET A10G RECTANGULAR ATTENUATOR LOOSE SPLITTER ELEMENTS MODEL SP / MODEL SL



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

## DIMENSIONS



## SPECIFICATION

SPLITTERS ELEMENTS CONTAIN A SOUND ABSORBENT INFILL THAT IS ENCAPSULATED WITH GLASS CLOTH AND PERFORATED STEEL AND HAVE AERODYNAMIC FAIRINGS AT EACH END.

## NOTES

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

THE SPLITTER ELEMENTS WILL BE MANUFACTURED 5 mm LESS IN THAN THE HEIGHT (H) DIMENSION SHOWN ON THE EQUIPMENT SCHEDULE SO AS TO ALLOW THE SPLITTER ELEMENTS TO BE POSITIONED IN THE DUCT. THE PURCHASER MUST ENSURE THAT THIS CLEARANCE IS ADEQUATE.

THE INSTALLERS ARE TO ARRANGE THE SPLITTER ELEMENTS TO GIVE EQUAL AIRWAYS AND MUST ENSURE THAT THESE ARE FITTED TIGHT TO THE DUCT CASING AT TOP, BOTTOM AND SIDES SO AS TO MAINTAIN THE ACOUSTIC PERFORMANCE.

LARGER SPLITTER ELEMENTS WILL BE OF MODULAR CONSTRUCTION FOR EASE OF HANDLING AND MAY BE SPLIT ON THE LENGTH, HEIGHT OR COMBINATION THEREOF (SEE DATA SHEET A17 FOR DETAILS).

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

INSERTION LOSS, PRESSURE LOSS AND FLOW NOISE DERIVED FROM TESTS CARRIED OUT IN ACCORDANCE WITH ISO 7235 AND MAY VARY DEPENDING ON INSTALLED CONDITIONS.

MANUFACTURING DIMENSIONAL TOLERANCE < 1.0 %.

## SUFFIX

THE SUFFIX TO THE ATTENUATOR MODEL DEFINES THE MATERIAL OF FABRICATION AND ANY ADDITIONAL FEATURES OR SPECIAL CONSTRUCTIONAL DETAILS.

- L - LOOSE SPLITTER ELEMENTS
- G - PRE-GALVANISED STEEL CONSTRUCTION.
- S - GRADE 316 STAINLESS STEEL CONSTRUCTION.
- H1 - HIGH TEMPERATURE APPLICATION (2 HOUR/300°C).
- K - PROTECTIVE PAINT FINISH TO VISIBLE METAL SURFACES.
- J - SPLITTERS AND/OR SIDE LININGS ARRANGED HORIZONTALLY.
- M - MELINEX ENCAPSULATED INFILL.
- Z(\*\*\*) - MODULAR CONSTRUCTION (SEE DATA SHEET A17 FOR DETAILS).
- X - SPECIAL CONSTRUCTION, REFER TO EQUIPMENT SCHEDULE FOR DETAILS.

## FLANGE DETAILS

NOT APPLICABLE

## STANDARD SIZES

NOMINAL LENGTH (L1) - 600, 900, 1200, 1500, 1800, 2100, 2400, 2700 & 3000 mm.  
ACTUAL LENGTH (L1) - 570, 870, 1170, 1470, 1740, 2040, 2340, 2640 & 2940 mm.

WIDTH (W) ANY DIMENSION ABOVE 199 mm.

HEIGHT (H) ANY DIMENSION ABOVE 99 mm.

ALL SPLITTER ELEMENTS ARE MADE TO ORDER. NON STANDARD SIZES AVAILABLE.

## WEIGHT

WEIGHTS ARE GIVEN ON THE EQUIPMENT SCHEDULE.

## MODULAR CONSTRUCTION

LOOSE SPLITTER ELEMENTS MANUFACTURED IN ONE SECTION WILL HAVE NO "Z" SUFFIX IN THE CODE.

WHEN LOOSE SPLITTER ELEMENTS ARE SUPPLIED IN MODULAR FORM, THE ACTUAL NUMBER OF SECTIONS IN THE LENGTH AND HEIGHT IS DEFINED BY THE "Z" SUFFIX. REFER TO DATA SHEET A17 FOR DETAILS.

Z	#	1	#
A "Z" SUFFIX IN THE ATTENUATOR CODE DENOTES THAT THE SPLITTER ELEMENTS WILL BE SUPPLIED IN MODULES.	NUMBER OF MODULES IN LENGTH.	ONE MODULE IN WIDTH AS STANDARD	NUMBER OF MODULES IN HEIGHT.