

# DATA SHEET A43G

## CIRCULAR ATTENUATOR

### UPVC CONSTRUCTION

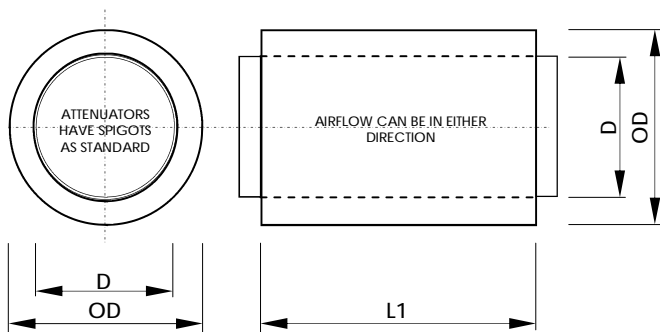
### MODEL PL (WITHOUT POD)

### MODEL PLP (WITH POD)



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

## DIMENSIONS



NOMINAL DIAMETER (D)  
BETWEEN 100 - 499 mm  
ABOVE 499 mm

OUTSIDE DIAMETER (OD)  
D + 100 mm.  
D + 200 mm.

LENGTH (L1) IS NOMINAL CASING DIMENSION, EXCLUDING SPIGOTS.

## SPECIFICATION

ATTENUATORS ARE IN GENERAL ACCORDANCE WITH DW 154 SPECIFICATION FOR PLASTIC DUCTWORK.

SPIGOT CONNECTIONS PROVIDED AS STANDARD.

SOUND ABSORBENT INFILL IS ENCAPSULATED WITH GLASS CLOTH AND PERFORATED UPVC.

CENTRAL PODS (TYPE PLP) HAVE AERODYNAMIC FAIRINGS AT EACH END.

## NOTES

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

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

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

IT IS THE INSTALLERS RESPONSIBILITY TO PROVIDE THE FLANGE SEAL TO THE CONNECTING DUCT.

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

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

## WEIGHT

WEIGHTS ARE GIVEN ON THE EQUIPMENT SCHEDULE.

## SUFFIX

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

U - UPVC CONSTRUCTION.

M - MELINEX ENCAPSULATED INFILL.

X - SPECIAL CONSTRUCTION, REFER TO EQUIPMENT SCHEDULE FOR DETAILS.

## STANDARD SIZES

THERE ARE NO STANDARD SIZES.

ALL ATTENUATORS ARE MADE TO ORDER.

## IMPORTANT

ATTENUATORS MUST BE STORED IN A COOL DRY PLACE OUT OF DIRECT SUNLIGHT.

ATTENUATORS MUST BE HANDLED WITH CARE AND NOT STOOD ON FLANGES OR STACKED.

DO NOT PLACE MATERIALS OR EQUIPMENT ON TOP OF ATTENUATORS.

ATTENUATORS ARE SPECIALIST ITEMS OF EQUIPMENT AND MUST BE TREATED ACCORDINGLY. THEY SHOULD NOT BE TREATED IN THE SAME MANNER AS DUCTWORK.