

# DATA SHEET A90G RECTANGULAR ATTENUATOR INSTALLATION INSTRUCTIONS



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

## IMPORTANT NOTES

THIS DATA SHEET IS LIMITED TO ATTENUATORS OF STANDARD CONSTRUCTIONAL SPECIFICATION AND DIMENSION.

ATTENUATORS SHOULD NOT BE TREATED AS CONVENTIONAL DUCTWORK, BUT SHOULD BE TRANSPORTED, OFF-LOADED, HANDLED AND INSTALLED AS SPECIALIST ITEMS OF EQUIPMENT.

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

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

## DIMENSIONS

DIMENSIONS ARE GIVEN ON THE EQUIPMENT SCHEDULE.

## FLANGES

FLANGES ARE SEALED TO THE ATTENUATOR BODY AT WORKS, HOWEVER, IT IS THE INSTALLERS RESPONSIBILITY TO PROVIDE THE SEAL TO THE CONNECTING DUCT, INCLUDING THE FLANGE CORNERS.

## WEIGHT

WEIGHTS ARE GIVEN ON THE EQUIPMENT SCHEDULE.

## INSTALLATION SEQUENCE

REMOVE POLYTHENE FROM FLANGED CONNECTION (IF FITTED).

LOCATE AND PROPERLY SUPPORT THE ATTENUATOR BODY, ENSURING THAT THE ATTENUATOR IS INSTALLED IN THE CORRECT PLANE AND UNTWISTED.

SUPPORTS SHOULD BE ADJACENT TO THE FLANGES, BE CONTINUOUS, AND EXTEND FULL WIDTH. LARGER ATTENUATORS MAY REQUIRE INTERMEDIATE SUPPORTS.

ATTENUATORS SHOULD NOT BE SUPPORTED FROM FLANGES ALONE.

ATTENUATORS MUST NOT BE USED TO SUPPORT THE WEIGHT OF THE DUCTWORK OR OTHER SUCH EQUIPMENT.

APPLY SUITABLE MASTIC SEAL TO THE FLANGES AND BOLT/CLAMP TO THE ADJACENT CONNECTION. IMPORTANT: THE FLANGE CORNER MUST BE SEALED BY THE INSTALLER.

TEST FOR AIR TIGHTNESS AND APPLY MASTIC AS REQUIRED.

## COMMISSIONING

NONE REQUIRED

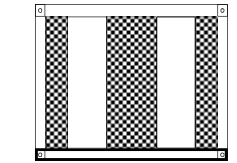
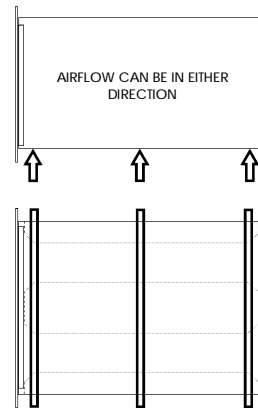
## OPERATION AND MAINTENANCE

THERE ARE NO MOVING OR ADJUSTABLE PARTS, THEREFORE, NO OPERATING INSTRUCTIONS ARE REQUIRED.

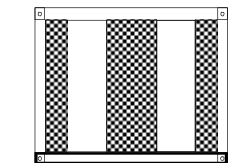
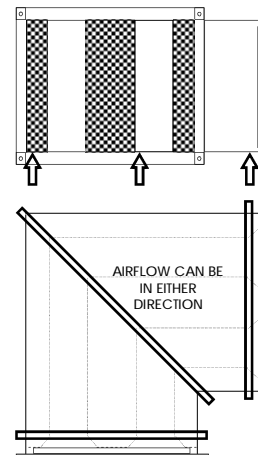
ATTENUATORS POSITIONED INTERNALLY REQUIRE NO MAINTENANCE OTHER THAN PERIODIC CLEANING. THIS SHOULD ENTAIL NO MORE THAN VACUUMING/BRUSHING AND WASHING WITH MILD DETERGENT AND WARM WATER.

ATTENUATORS POSITIONED EXTERNALLY WILL BE SUBJECT TO ATMOSPHERIC CORROSION AND SHOULD HAVE REGULAR MAINTENANCE. THIS SHOULD ENTAIL REGULAR VACUUMING/BRUSHING AND WASHING WITH MILD DETERGENT AND WARM WATER. LOCALISED REPAIR OF ANY CORROSION OR OTHER DAMAGE MUST BE UNDERTAKEN IMMEDIATELY AND THE LIFE OF THE ATTENUATOR WILL BE FURTHER EXTENDED BY PAINTING.

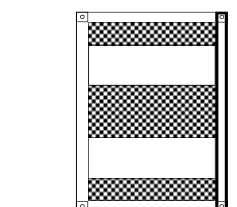
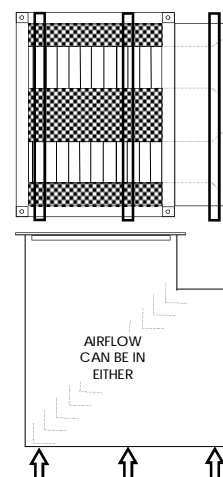
## SUGGESTED SUPPORT LOCATIONS



RECTANGULAR ATTENUATOR



BEND ATTENUATOR (HORIZONTAL)



BEND ATTENUATOR (VERTICAL)