AERODYNAMIC SOUND ATTENUATORS
CIRCULAR / ELBOW / FLATPAC / RECTANGULAR / TURNING VANE

CIRCULAR SILENCERS
- LOWER SHELL BREAK-OUT/IN NOISE
- HIGHER STATIC OPERATING PRESSURES

ELBOW SILENCERS
- AERODYNAMIC TURNS / HIGH VOLUME FLOWS
- EXCELLENT LOW FREQUENCY PERFORMANCE

RECTANGULAR SILENCERS
- SMALL TO LARGE MODULE SIZES
- LOW AERODYNAMIC LOSSES

FLATPAC SILENCERS
- LOW PROFILE/VARIED CONFIGURATIONS
- EASILY INSTALLED

ACOUSTIC LOUVERS
- MODEST ACOUSTIC PERFORMANCE
- LOW VOLUME FLOWS

ACOUSTIC TURNING VANES / SPLITTERS
- HIGH MASS FLOWS / LARGE CROSS SECTIONAL AREAS
- VERY LOW AERODYNAMIC LOSSES

ENGINEERED AEROACoustics, INC.
COMPUTER DESIGN AND SELECTION PROGRAM

EXAMPLE:
RECTANGULAR MODULES

X & Y Equipment / Duct Connection Size
L Silencer Length Overall, Including Mating Connections, Each End
M Module Dimension, Or Multiples To Fit X & Y Dimensions, Acoustic And Aerodynamic Criteria
G Gap - Splitter/Gap/Length/Height Ratios Computer Iterated For Acoustics & Aerodynamics

FEATURES:
✓ Modules Will Be Sized To Your X Or Y Dimension, No Transition Is Required.
✓ Silencer Lengths Will Be Chosen To Suit Your Acoustic, Space And/Or Pressure Loss Requirements - Automatically Selected By EAI Proprietary Computer Program.
✓ Splitters Can Be Aligned In Either The X Or Y Plane To Minimize Pressure Drop Due To Inlet Flow Distortions.
✓ Silencer Combinations In Full Module And Half ModuleIncrements For Large Areas/Ducts.
✓ Galvanized Metal Construction (Class I). For Heavier Construction (EAI Class 5), Massive Galvannealed Externals And Heavier Internals Are Incorporated Into Silencer.

Select From:

Circular Cone Elbow Flatpac Rectangular Turning Vane Splitter Acoustic Louver

Hybrid Units Series Ganged Custom Designs

HYBRID, HIGH PERFORMANCE SILENCER:

✓ Circular Internals ✓ Rectangular Externals ✓ External Aerodynamic Fairings

Let a qualified Engineered Aeroacoustics engineer assist you in selecting the optimum attenuator/silencer configuration to meet acoustic and aerodynamic criteria. Let our 30 years of experience with NOISE make your job easier.