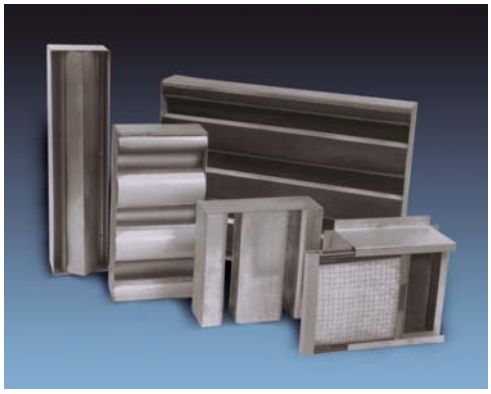
AERODYNAMIC SOUND ATTENUATORS

CIRCULAR / ELBOW / FLATPAC / RECTANGULAR / TURNING VANE

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

AEROACOUSTIC ENGINEERING CONSULTANTS, LLC

CIRCULAR SILENCERS

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

ELBOW SILENCERS

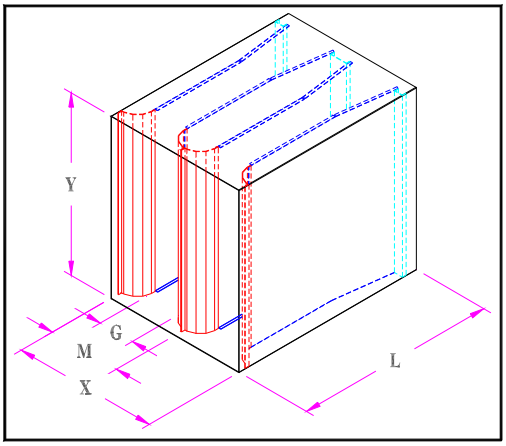
- AERODYNAMIC TURNS / HIGH VOLUME FLOWS
- EXCELLENT LOW FREQUENCY PERFORMANCE

ACOUSTIC TURNING VANES / SPLITTERS

- HIGH MASS FLOWS / LARGE CROSS SECTIONAL AREAS
- VERY LOW AERODYNAMIC LOSSES

AEC-69901

COMPUTER DESIGN AND SELECTION PROGRAM



Aerodynamic, Bellmouth Inlet & Evase Outlet

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 AEC 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 Module Increments For Large Areas/Ducts.
- ☑ Galvanized Metal Construction (Class I). For Heavier Construction (AEC 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 AEC 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.

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