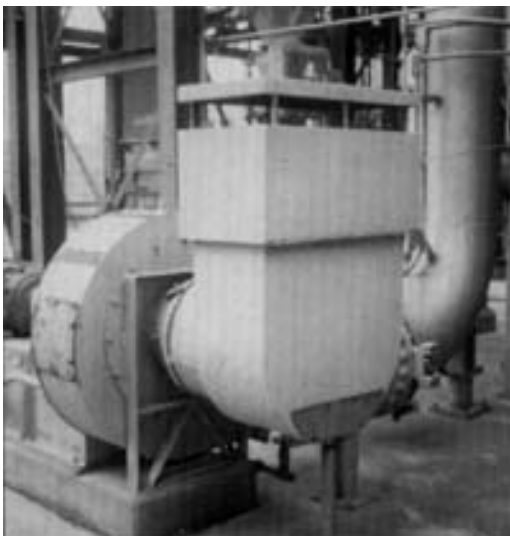


Noise Control Systems

Standard and Custom Manufactured
Silencers For Electric Motors
and Intake and Exhaust Applications.



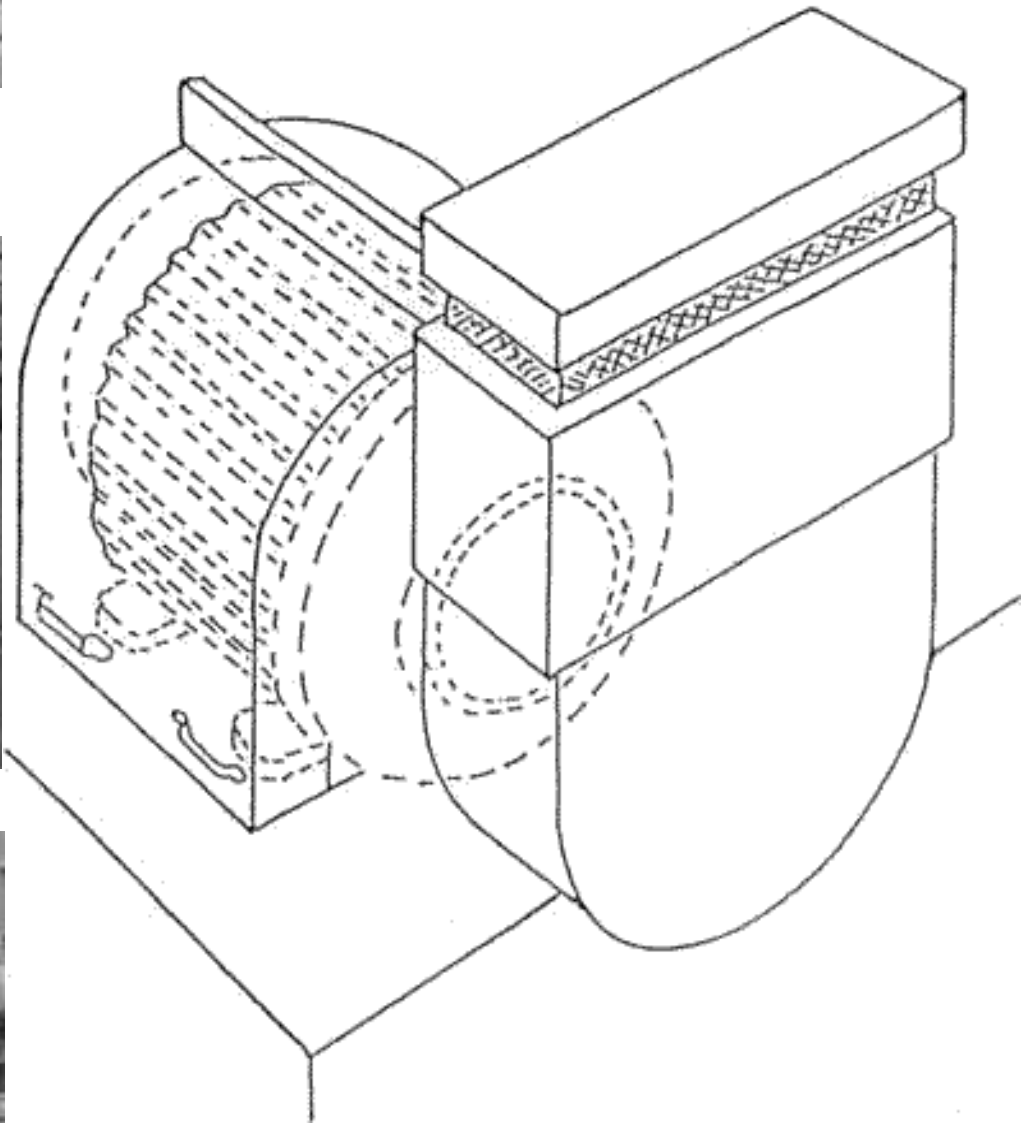
**Intake Motor Silencer with
Remote Blower**



Centrifugal Blower Silencer



Electric Motor Silencer

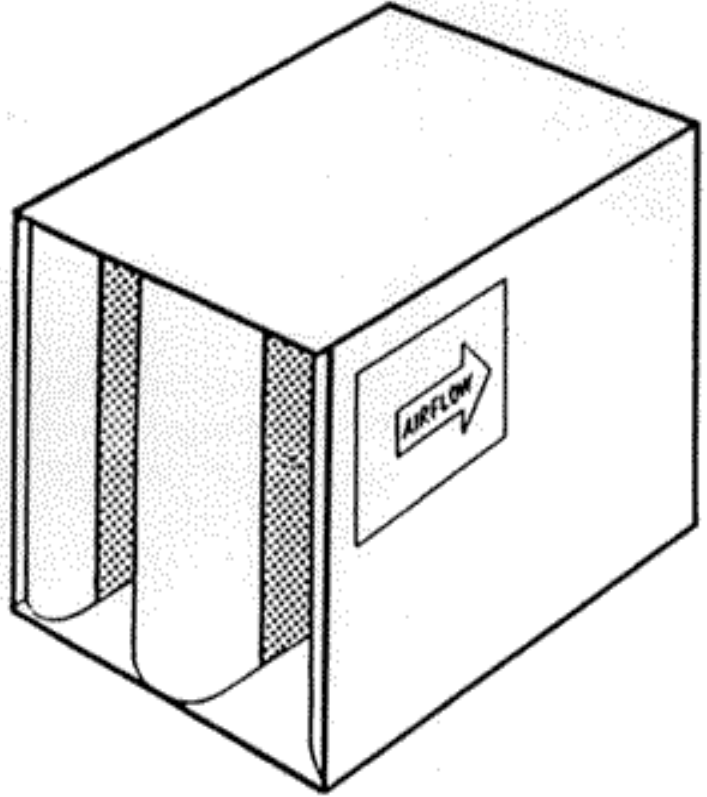


Silencers

A Common Sense Approach To Noise Control

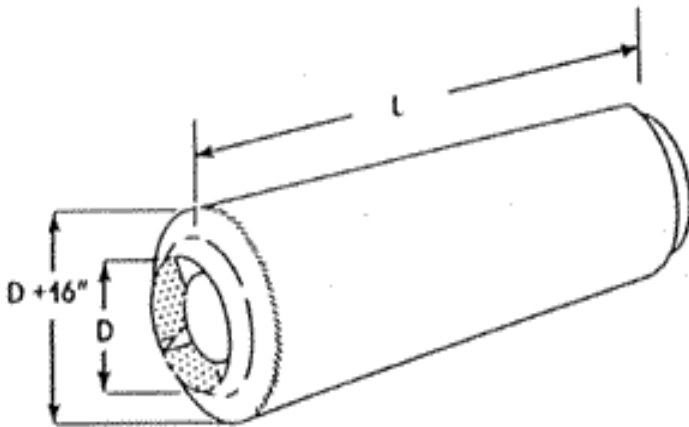
Standard Sound Attenuators

NOISE CONTROL SYSTEMS Rectangular Sound Attenuators are designed and engineered to achieve maximum insertion loss with minimum pressure drop. These units are designed for efficient aerodynamic performance and are constructed with superior acoustical materials and galvanized steel guaranteeing excellent reliability and performance. This product is available in any custom size and can be manufactured in one of several banks to be stackable.



TYPICAL ATTENUATION

Freq.	125	250	500	1000	2000	4000
dB	9	15	24	35	38	26



NOISE CONTROL SYSTEMS Cylindrical Silencers come in light and heavy gauge material depending on the specific application. The heavy gauge units are used for exhaust and intake piping applications and the lighter gauge product would be used on ductwork type piping. This product comes in many configurations and can be designed to fit the specific noise frequency that needs attenuation.

TYPICAL ATTENUATION

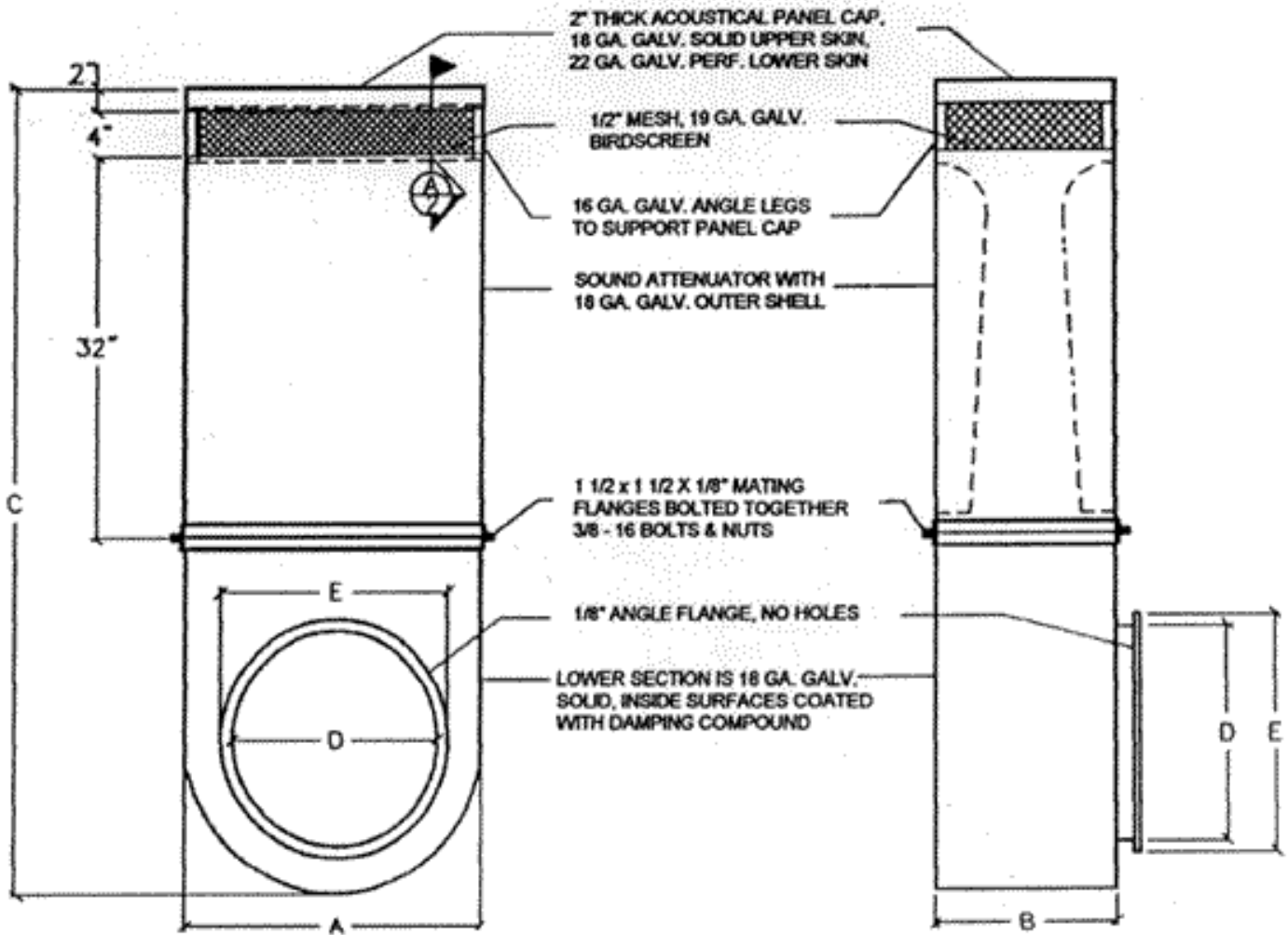
Freq.	125	250	500	1000	2000	4000
dB	10	18	30	33	30	20

TEFC Electric Motor Silencers

These units are constructed of 18 gauge galvanized steel. The dimensional information below gives overall width and height of the NCS Silencers. All that is required is the intake size and the face appearance of the motor. This would be the D & E dimension as shown in the drawing. In addition to our standard sizes below, this product can be manufactured in many configurations and sizes to custom fit your specific application. A typical pressure drop is 0.75" in the range of 1650 to 18000 CFM.

STANDARD DIMENSIONAL DATA

"A"	Minimum: 20"	Maximum: 34"
"B"	Minimum: 11"	Maximum: 18"
"C"	Minimum: 36"	Maximum: 48"



AVERAGE NOISE REDUCTION

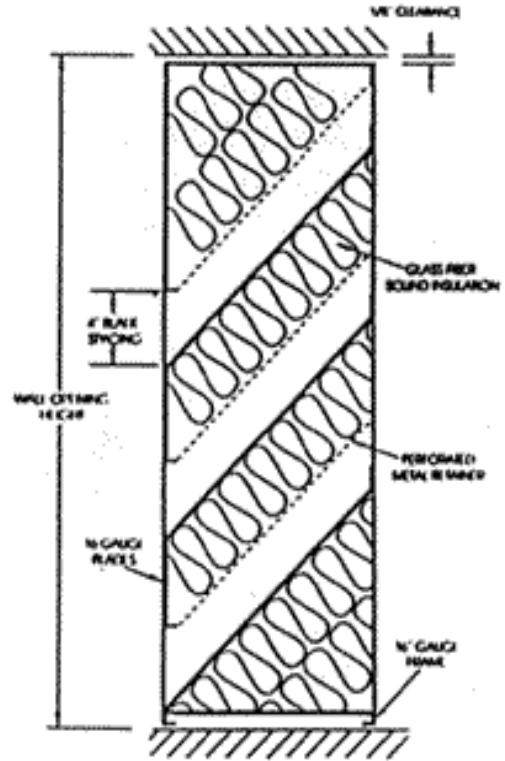
Taken in actual in-plant applications

Freq.	125	250	500	1000	2000	4000
dB	19	20	23	24	31	42

Specialty Products

ACOUSTICAL LOUVERS

Noise Control Systems Acoustical Louvers come in a wide variety of sizes and configurations to fit any application. These units can be constructed from galvanized steel or aluminum and are provided in mill finish. Options include Screens, Flange Frames, Stainless Steel Construction and Paint Finish.

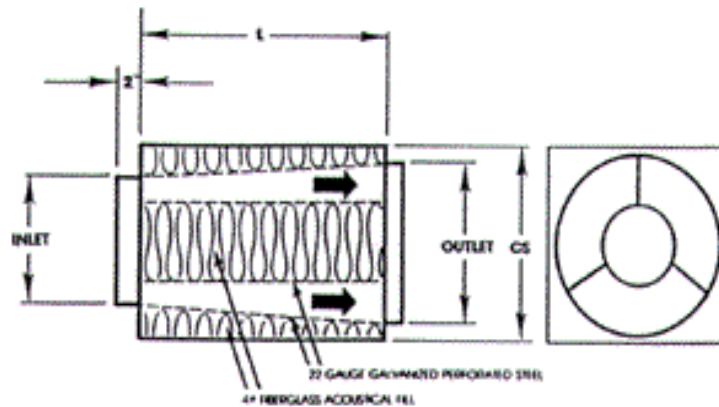


TYPICAL ATTENUATION

Freq.	125	250	500	1000	2000	4000
dB	12	15	16	18	20	18

ACOUSTICAL DIFFUSER CONES

Noise Control Systems Acoustical Diffuser Comes for Joy Axivane Woods Varofoil Fans (and other fan manufacturers) are constructed from 22 gauge galvanized perforated steel with 4# fiberglass acoustical fill.



TYPICAL ATTENUATION

Freq.	125	250	500	1000	2000	4000
dB	12	15	16	18	20	18