



# "The ART of Noise Control"

For your local ArtUSA Representative

Call: 1-888-454-6973

Internet: [www.artusaindustries.us](http://www.artusaindustries.us)

## Absorptive Silencer

NO. 766-97

ENGINEERING DATA SHEET

DIMENSIONS IN INCHES, WEIGHT IN POUNDS

MODEL NO.	A (dia.)	B (dia.)	C	OAL
SDS-NB-7	7	15	21	25
SDS-NB-8	8	16	24	28
SDS-NB-9	9	17	27	31
SDS-NB-10	10	18	30	34
SDS-NB-11	11	19	33	37
SDS-NB-12	12	20	36	40
SDS-NB-14	14	22	42	46
SDS-NB-16	16	24	48	52
SDS-NB-18	18	26	54	58
SDS-NB-20	20	28	60	64
SDS-NB-22	22	30	66	70
SDS-NB-24	24	32	72	76
SDS-NB-26	26	34	78	82
SDS-NB-28	28	36	84	88
SDS-NB-30	30	38	90	94

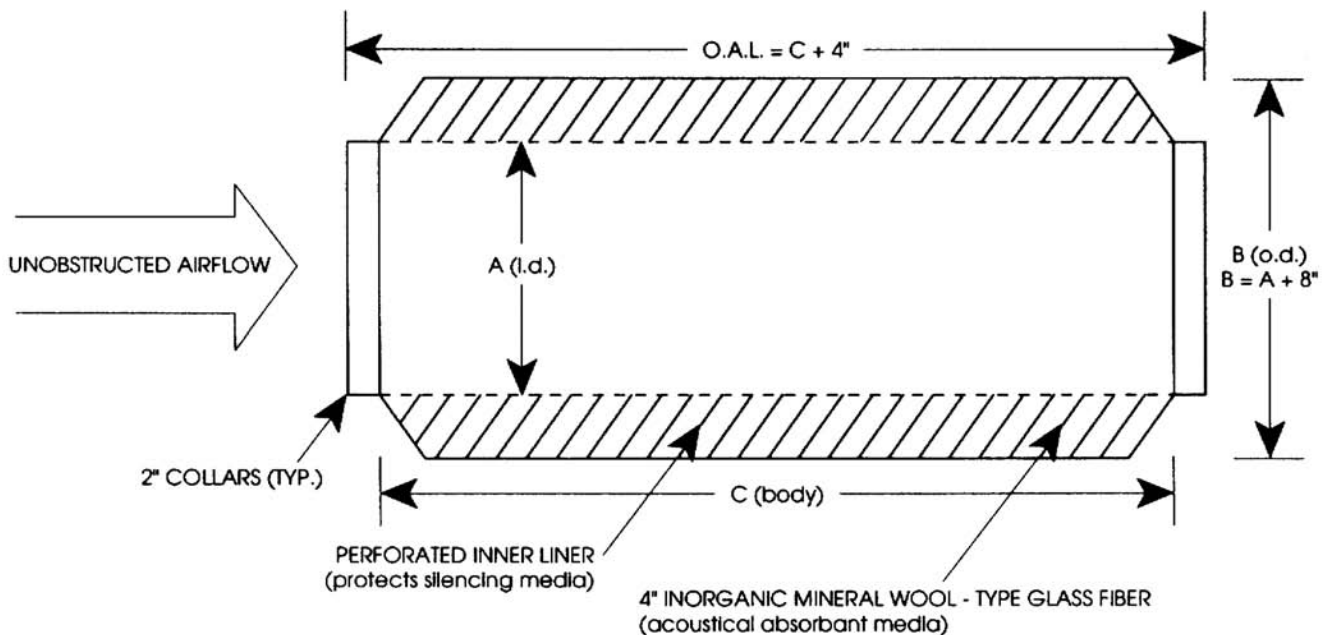
## SDS-NB SERIES

ROUND SILENCER  
WITHOUT BULLET

Double-wall duct silencers having 100% open area airflow passage assure reduced static resistance, with actual pressure differential similar to that of plain duct. (Approximately 8% greater friction loss than that of plain duct.)

Noise Absorbing glass wool is located outside the airflow passage and is protected from erosion by a perforated steel inner liner.

Flanged ends are optional. Galvanized steel construction is standard. Other materials are optional.



## DYNAMIC INSERTION LOSS

MODEL NO.	OCTAVE BANDS	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
	CENTER FREQUENCY (Hz)	63	125	250	500	1000	2000	4000	8000
	DYNAMIC INSERTION LOSS IN DECIBELS								
SDS-NB-12" $\varnothing$		4	5	13	21	18	17	16	13
SDS-NB-24" $\varnothing$		7	9	20	27	21	18	15	13