

# Sound Attenuator

No. 901-12



**Commercial Acoustics**  
5960 W. WASHINGTON STREET  
PHOENIX, ARIZONA 85043-3523  
(602) 233-2322 FAX 233-2033

A DIVISION OF METAL FORM MANUFACTURING

## ENGINEERING DATA

Supersedes No. 901-97

### DIMENSIONS IN INCHES, WEIGHT IN POUNDS

MODEL NO.	P	D	L	N	H	Wt.
<b>CA4-8</b>	8	14	33	3 1/2	26	90
<b>CA4-10</b>	10	16	35	3 1/2	28	120
<b>CA4-12</b>	12	18	47	3 1/2	40	180
<b>CA4-14</b>	14	20	51	3 1/2	44	240
<b>CA4-16</b>	16	22	59	3 1/2	52	320
<b>CA4-18</b>	18	24	63	3 1/2	56	370
<b>CA4-20</b>	20	26	73 1/2	4 1/2	64 1/2	490
<b>CA4-22</b>	22	28	73 1/2	4 1/2	64 1/2	530
<b>CA4-24</b>	24	30	85 1/2	4 1/2	76 1/2	720
<b>CA4-30</b>	30	30	108	4 1/2	99	1,340
<b>CA4-36</b>	36	42	122	4 1/2	113	2,020
<b>CA4-42</b>	42	48	137	6	125	3,200
<b>CA4-48</b>	48	54	161 1/2	6	149 1/2	4,100
<b>CA4-54</b>	54	60	178	6	166	5,400
<b>CA4-60</b>	60	66	192 1/2	6	180 1/2	7,300

## CA4 SERIES

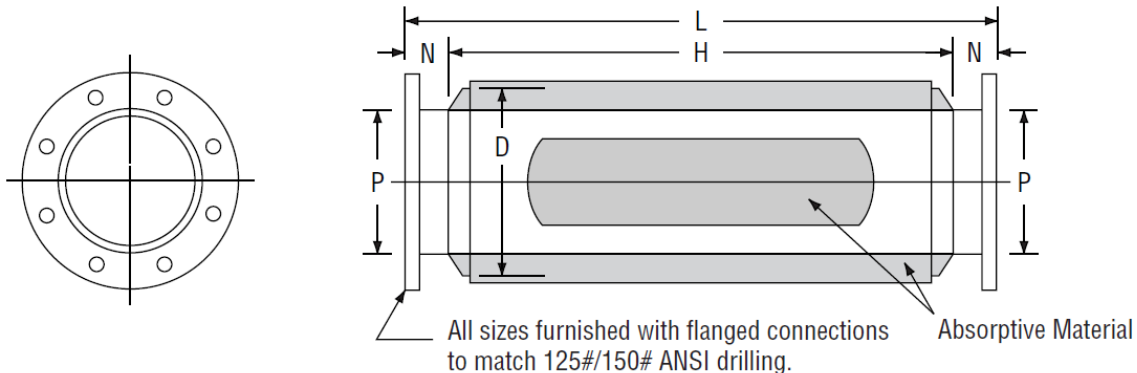
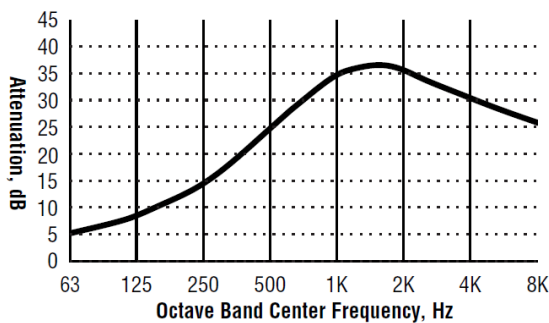
### ANNULAR FLOW SILENCER

The CA4 series is the second-highest grade absorptive silencer, ranking just below the CA5 series. The design of this unit features a bullet centered in the flow tube to provide annular flow path and partial blocked-line-of-sight. Pressure drop is only slightly greater than the CA5. Mild steel construction, primer coated exterior.

### COMMON APPLICATIONS:

- Inlet of turbocharged Reciprocating engine
- Inlet and discharge of high speed, low pressure Centrifugal Compressors and Blowers (discharge P<15 psig)
- Inlet and discharge of Industrial Fans
- Inlet of high pressure Centrifugal Compressors
- Gas Turbine Inlet
- Dry Vacuum Pump discharge
- Some low-pressure vents (<15 psig)
- Any high frequency noise source

### Typical Attenuation Curve



**NOTE:** CA4 Series Standard Paint and Acoustical Packing are suitable for 325°F.