

# Sound Attenuator

No. 900-12



**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. 900-97

### DIMENSIONS IN INCHES, WEIGHT IN POUNDS

MODEL NO.	P	D	L	N	H	Wt.
<b>CA3-8</b>	8	14	31	3 1/2	24	85
<b>CA3-10</b>	10	16	35	3 1/2	28	120
<b>CA3-12</b>	12	18	39	3 1/2	32	155
<b>CA3-14</b>	14	20	39	3 1/2	32	200
<b>CA3-16</b>	16	22	47	3 1/2	40	270
<b>CA3-18</b>	18	24	47	3 1/2	40	290
<b>CA3-20</b>	20	26	49 1/2	4 1/2	40 1/2	350
<b>CA3-22</b>	22	28	55 1/2	4 1/2	46 1/2	420
<b>CA3-24</b>	24	30	55 1/2	4 1/2	46 1/2	500
<b>CA3-26</b>	26	30	61	4 1/2	52	680
<b>CA3-28</b>	28	36	63 1/2	4 1/2	54 1/2	830
<b>CA3-30</b>	30	36	62	4 1/2	53	890
<b>CA3-32</b>	32	36	68	4 1/2	59	1,120
<b>CA3-34</b>	34	42	75	4 1/2	66	1,360
<b>CA3-36</b>	36	42	80	4 1/2	71	1,490
<b>CA3-42</b>	42	48	83	6	71	1,920
<b>CA3-48</b>	48	54	89 1/2	6	77 1/2	2,600
<b>CA3-54</b>	54	60	96	6	84	3,300
<b>CA3-60</b>	60	66	108 1/2	6	96 1/2	4,430

## CA3 SERIES

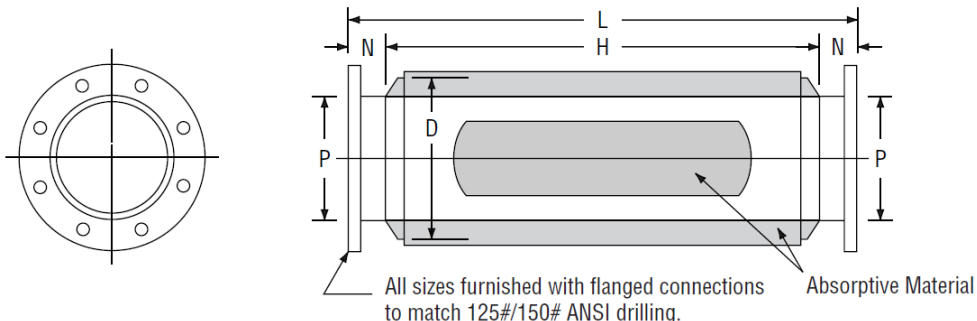
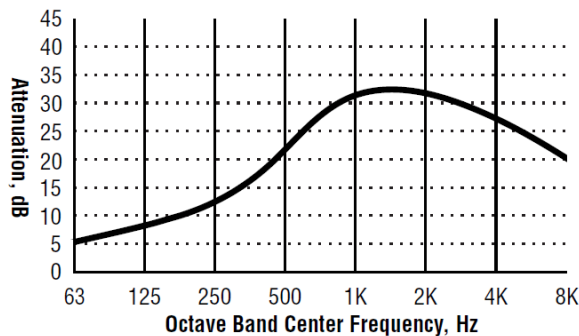
### ANNULAR FLOW SILENCER

The CA3 series is the most economical of Commercial Acoustic's three grades of annular design silencers, ranking in performance below the CA5 and CA4 series. Its design - except for length - is almost identical to the CA4, including annular flow path and partial blocked-line-of sight. Pressure drop coefficient is the same as for the CA4 series. 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 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:** CA3 Series Standard Paint and Acoustical Packing are suitable for 325°