

Sound Attenuator

No. 902-12



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. 902-97

DIMENSIONS IN INCHES, WEIGHT IN POUNDS

MODEL NO.	P	D	L	N	H	Wt.
CA5-4	4	10	21 1/2	3	15 1/2	30
CA5-5	5	12	26	3	20	55
CA5-6	6	12	26	3	20	60
CA5-8	8	18	36	3 1/2	29	120
CA5-10	10	20	44 1/2	3 1/2	37 1/2	195
CA5-12	12	24	53	3 1/2	46	290
CA5-14	14	26	61 1/2	3 1/2	54 1/2	390
CA5-16	16	28	68	3 1/2	61	500
CA5-18	18	30	74	3 1/2	67	650
CA5-20	20	36	78	4 1/2	69	950
CA5-22	22	36	89	4 1/2	80	1,080
CA5-24	24	42	91	4 1/2	82	1,400
CA5-26	26	42	102	4 1/2	93	1,580
CA5-28	28	48	104	4 1/2	95	2,200
CA5-30	30	48	115	4 1/2	106	2,600
CA5-32	32	54	128	6	116	3,150
CA5-34	34	60	136	6	124	3,600
CA5-36	36	60	145	6	133	4,500
CA5-42	42	66	170	6	158	6,200
CA5-48	48	78	186	6	124	3,600
CA5-54	54	84	198	6	186	10,300
CA5-60	60	90	210	6	198	12,500

NOTE: CA5 Series Standard Paint and Acoustical Packing are suitable for 325°F.

CA5 SERIES

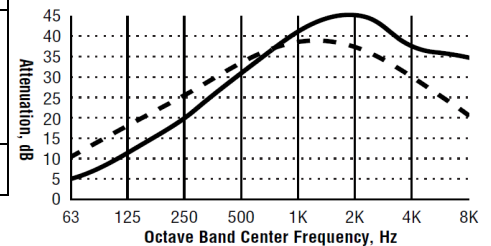
ANNULAR FLOW SILENCER

The CA5 series is our highest grade standard absorptive silencer. Its design consists of two concentric perforated cylinders lined with acoustical pack, forming an annular flow path. This design features blocked line-of-site, while providing full flow area for low flow resistance. Mild steel construction, primer coated exterior.

COMMON APPLICATIONS:

- 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



— 12" size and smaller
- - - 24" size and larger

