

Burgess-Aarding

A CECO Environmental Brand

50 Cobham Drive | Orchard Park, NY 14127
www.cecoenviro.com/burgess-aarding | 716-662-6540

MODEL BMA - Engine Exhaust Silencer

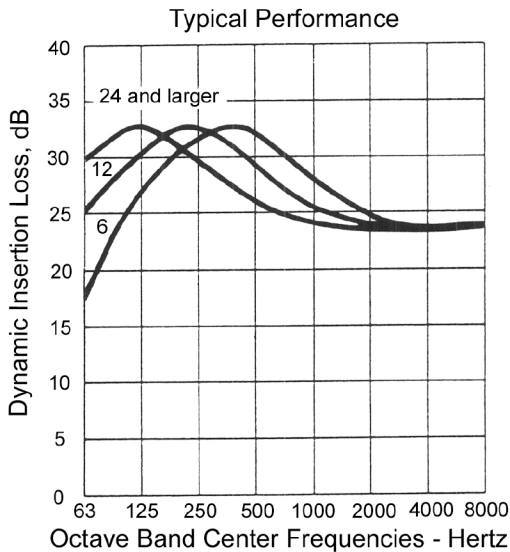
**Burgess-Manning, Pioneer of Industrial Silencing Reintroduces
The Original Reactive Type Engine Exhaust Silencer**

Description:

Burgess-Manning chambered reactive type engine silencers are specifically designed to provide ideal noise reduction of reciprocating engine exhaust gas and are available in six different grades. Burgess-Manning offers the industrial grade model BMEI (15-20 dB), residential grade model BMER (20-25 dB), critical grade model BMEC (25-30), critical plus grade model BMA (30-35 dB) hospital grade model BEO (35-40 dB), and hospital plus grade model BEOA (40+ dB).

Features:

- Noise reduction up to 35 dB
- Economically priced
- Long service life
- All welded steel construction for explosion resistant service



Specifications:

Maximum Noise Attenuation:	35 dB
Typical Sizes:	1" - 48"
Standard End Connections:	NPT or 125# ANSI Flanged
Standard Material of Construction:	Carbon Steel
Finish:	Prime Coated Exterior

Figure 1.0
Typical Burgess-Manning reactive type silencer



Theory of Operation:

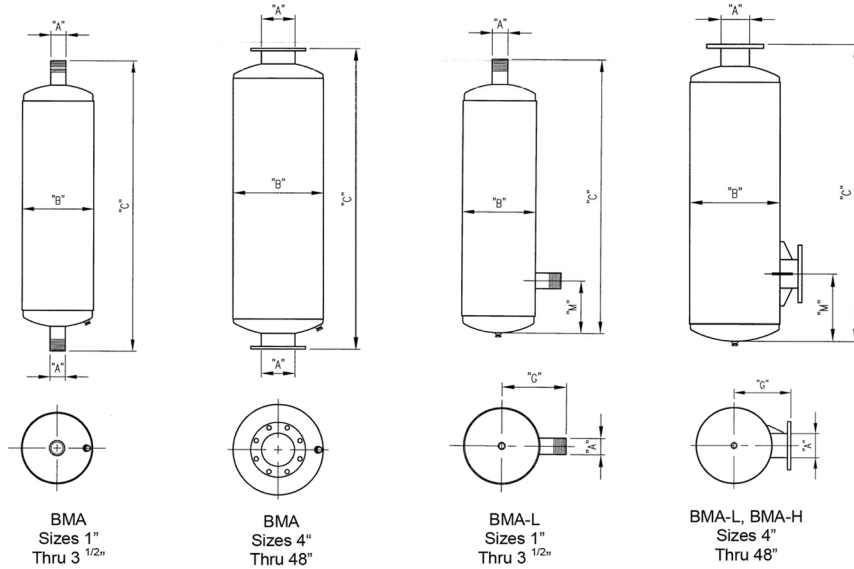
The Burgess-Manning patented principle used in the design of Burgess-Manning silencers involves passing gas flow through snubbing chambers. These snubbing chambers house an arrangement of ported tubes, which attenuate the noise to smooth, quiet flow.

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Catalog Number	Dimensions in Inches										Estimated Weight in lbs.		
	All Models		BMA	BMA-L		M							
	A	B	C	C	G	BMA-L		BMA-H		BMA	BMA-L	BMA-H	
						Min.	Max.	Min.	Max.				
BMA-1	1	4 1/2	23	21	4 1/4	2	—	—	—	8	8	—	
BMA-1.5	1 1/2	6 1/2	24	21	5 1/2	4	—	—	—	12	12	—	
BMA-2	2	8	32	30	7	4	12 1/2	—	—	23	23	—	
BMA-2.5	2 1/2	10	33	31	8	4 1/2	13	—	—	32	32	—	
BMA-3	3	10	47	43	9	5	19	—	—	53	53	—	
BMA-3.5	3 1/2	12	48	44	10	5 1/2	19	—	—	65	65	—	
BMA-4	4	14	52	50	10	6	21	—	—	99	99	—	
BMA-5	5	16	59	57	11	7	24	—	—	145	145	—	
BMA-6	6	18	72	70	12	8	31	—	—	195	195	—	
BMA-8	8	24	99	97	15	10	46	47	82	395	395	475	
BMA-10	10	30	118	115	18	12	58	55	100	680	680	850	
BMA-12	12	36	126	123	21	14	58	62	106	965	965	1,175	
BMA-14	14	36	169	166	22	15	87	75	147	1,250	1,250	1,575	
BMA-16	16	42	183	179	25	17	87	89	159	1,775	1,775	2,300	
BMA-18	18	48	184	181	28	19	87	91	159	2,675	2,675	2,775	
BMA-20	20	54	192	189	31	21	92	93	165	3,150	3,150	3,300	
BMA-22	22	60	202	198	35	23	92	101	171	4,450	4,450	4,575	
BMA-24	24	60	238	234	35	24	115	114	205	5,325	5,325	5,375	
BMA-26	26	66	241	237	38	28	115	118	205	6,150	6,150	6,425	
BMA-28	28	72	242	238	41	29	115	119	205	6,750	6,750	7,025	
BMA-30	30	72	272	268	41	30	126	138	234	7,700	7,675	8,025	
BMA-32	32	78	285	282	44	32	138	-	-	10,400	9,900	-	
BMA-34	34	78	320	317	44	33	148	-	-	12,000	11,500	-	
BMA-36	36	84	326	321	49	35	148	-	-	13,300	12,750	-	
BMA-38	38	84	337	332	49	36	159	-	-	13,900	13,500	-	

Notes: - Flanges are drilled to match 125 lb. American Standard Flanges
 - Larger Units available upon request
 - Specifications subject to change without notice