



BURGESS-MANNING

Burgess-Manning, Inc., Subsidiary of Nitram Energy, Inc.
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MODEL BMA - Engine Exhaust Silencer

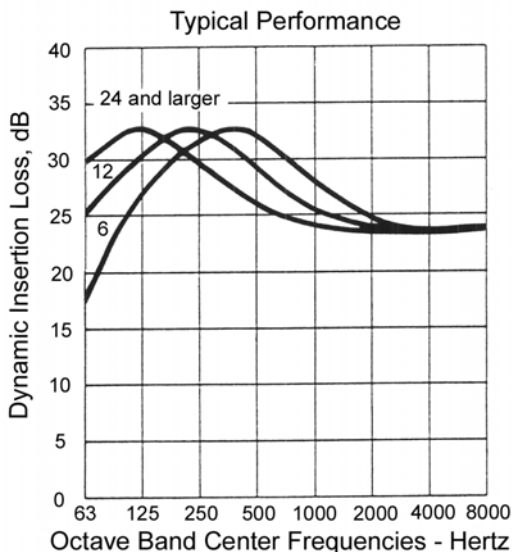
Burgess-Manning, Pioneer of Industrial Silencing Reintroduces The Original Reactive Type Engine Exhaust Silencer

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

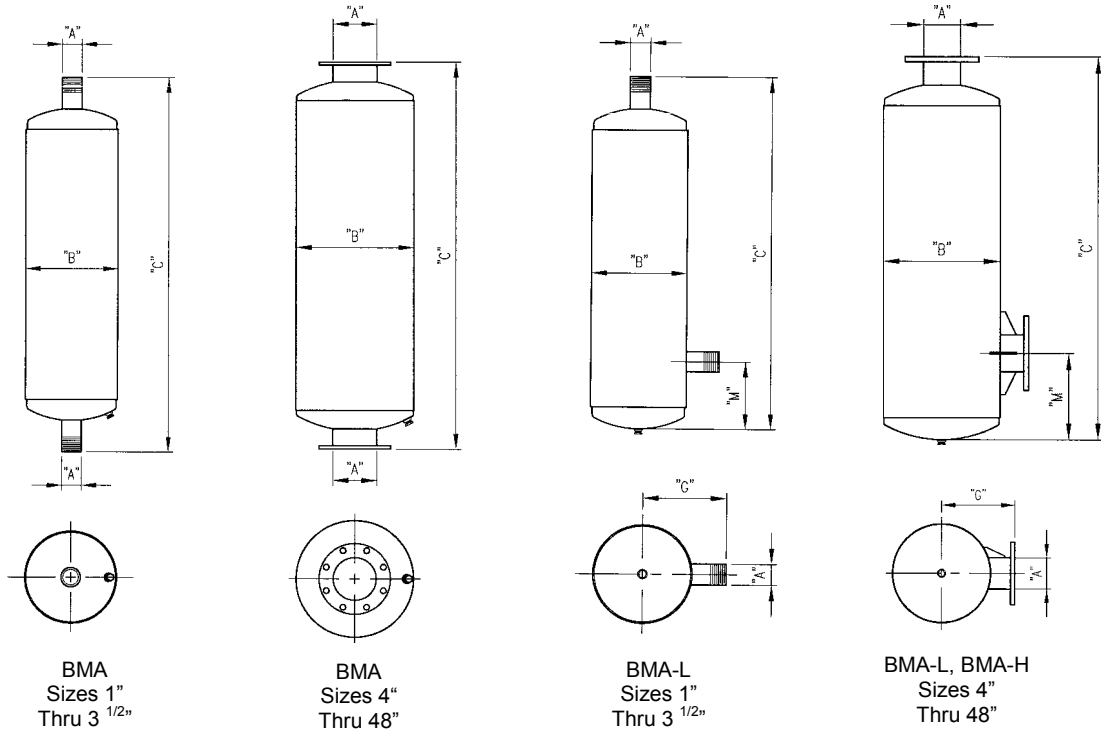
Figure 1.0

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.



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