

Description:

Burgess-Aarding 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-Aarding offers the 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

Theory of Operation:

The Burgess-Aarding patented principle used in the design of Burgess-Aarding 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.

Specifications:

Maximum Noise Attenuation: 35 dB

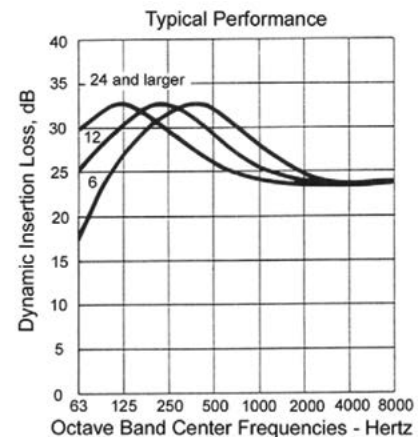
Typical Sizes: 1" - 48"

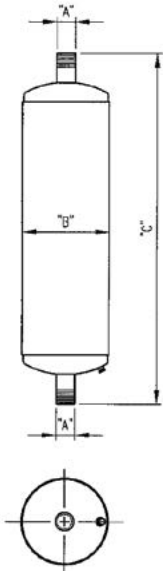
Standard End Connections: NPT or 125# ANSI Flanged

Standard Material of Construction: Carbon Steel

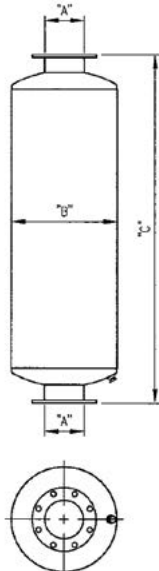
Finish: Prime Coated Exterior

Typical Burgess-Aarding Reactive Type Silencer

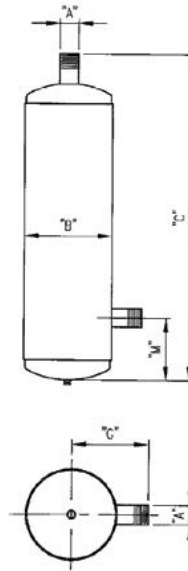




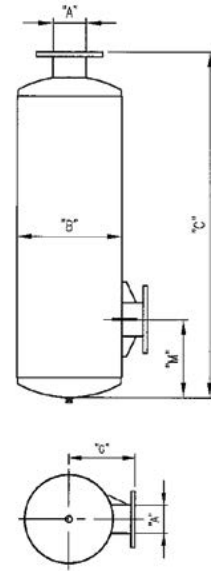
BMA
Sizes 1" Thru 3 1/2"



BMA
Sizes 4" Thru 48"



BMA-L
Sizes 1" Thru 3 1/2"



BMA-L, BMA-H
Sizes 4" Thru 48"

Catalog Number	Dimensions in inches									Estimated Weight in lbs.		
	All Models		BMA	BMA-L		M		BMA-H				
	A	B	C	C	G	Min.	Max.	Min.	Max.	BMA	BMA-L	BMA-L
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 1/4	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	26	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

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