

MSA4 – Best Chamber Type Spark Arresting– Expected Attenuation is 28 to 32dBA

Use a model MSA4 for the highest degree of "critical" grade silencing for areas requiring "hospital quiet" noise reductions and spark arresting feature. The MSA4 is presently the top-of-the-line silencer without resorting to multiple silencers in series or custom designed silencers.

MSA3 – Excellent Chamber Type Spark Arresting– Expected Attenuation is 24 to 28 dBA

Use a model MSA3 for quiet residential areas where background noise is relatively low and "critical" grade silencing with spark arresting feature is required.

Example: For truly quiet residential areas where ambient noise levels are very low and the sounds of birds singing and the soft hum of air conditioning units may be the noticeable noise features.

MSA2 – Better Chamber Type Spark Arresting– Expected Attenuation is 21 to 24 dBA

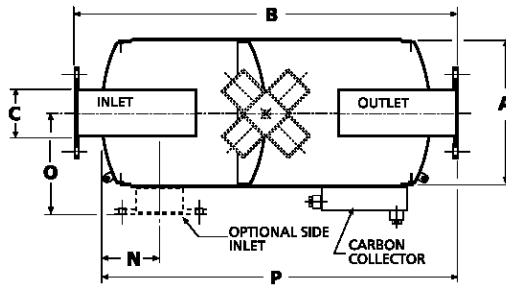
Use a model MSA2 in residential areas where background noise is present but not objectionable and spark arresting feature is desired. In these areas, installation of an MSA2 on an engine exhaust is intended to bring the noise level down to match the ambient noise levels.

Example: In a quieter residential areas off the main traffic areas and away from constant noise sources.

MSA1 – Good Chamber Type Spark Arresting– Expected Attenuation is 17 to 20 dBA

Use a model MSA1 in residential and light industrial areas for spark arresting capability where background noise is relatively high and constant and the need for higher degrees of silencing is minimal.

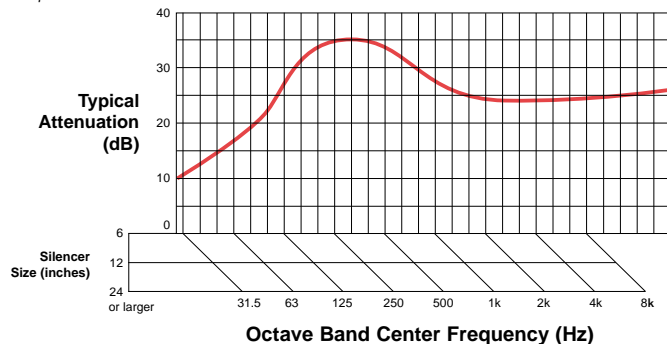
Example: In residential neighborhoods having high traffic or light industry with relatively constant background noise. Residents in these areas are typically accustomed to the noise or make some efforts to shield themselves from the ever present background noise. Use of an MSA1 can keep engine exhaust noise within existing noise levels.



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Size	A	B	C	N		O	P	Est. Wt.
				MIN.	MAX.			
4"	16	54	4	6 1/2	25	11	51	120
5"	18	64	5	6	31	12	61	170
6"	22	72	6	8	35	14	69 1/2	255
8"	26	85	8	9 1/2	41 1/2	16	82 1/2	390
10"	30	103	10	11	50	18 1/2	100	670
12"	36	118	12	13	58	21 1/2	115	1010
14"	40	117	14	16	56	23 1/2	114	1300
16"	45	134	16	18	65	26	131	1830
18"	50	152	18	20	74	29	149	2350
20"	54	175	20	21	87	31	172	2870
22"	60	185	22	23	92	34	182	3470
24"	64	208	24	25	105	36	205 1/4	4450
26"	68	225	26	26	115	38	225 1/4	5500
28"	72	253	28	28	128	40	250 1/2	6240
30"	78	262	30	30	133	43	259 1/2	7150

Note: Dimensions are in inches, weights are in pounds.



Typical Applications:

- Internal combustion engine exhausts
- High efficient spark arresting capability

Features:

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- Prime coated exterior finish

Optional Accessories:

- Backfire relief covers
- Flexible connectors
- Companion flanges
- Cleanout openings
- Side inlets
- Horizontal or vertical support arrangements
- Special painting

Sample Specification:

The silencer shall be a MAXIM Model MSA3 for Excellent noise control in sensitive applications requiring spark arresting capability. The construction shall be heavy wall, all welded, carbon steel construction and protected by a single coat of shop primer. The design of the silencer shall be suitable for mounting in any position and shall be complete with the following available options: