

BEAIRD Marine Exhaust is a proud distributor of

MAXIM® Silencers

INDUSTRIES, INC.

ISO 9001 REGISTERED

MSA4
MODEL

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

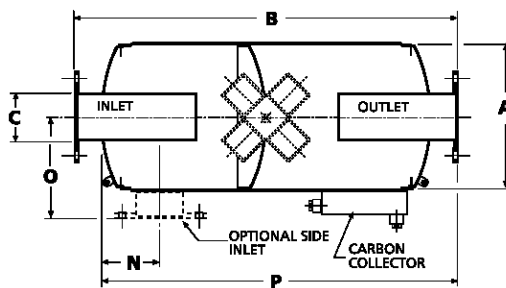
Use a model MSA2 in residential areas where background noise is present but not objectionable and spark arresting feature is desired. In these areas, installation of an MSA2 on an engine exhaust is intended to bring the noise level down to match the ambient noise levels.

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.

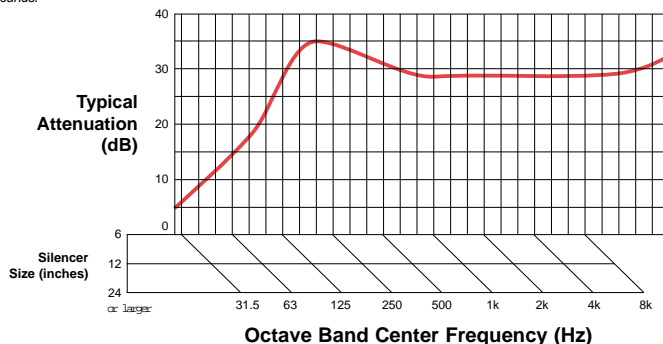
Example: In residential neighborhoods having high traffic or light industry with relatively constant background noise. Residents in these areas are typically accustomed to the noise or make some efforts to shield themselves from the ever present background noise. Use of an MSA1 can keep engine exhaust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



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Size	A	B	C	MIN. N	MAX. N	O	P	Est. Wt.
4"	18	64	4	6	31	12	61 1/4	200
5"	22	72	5	8	35	14	69 1/4	285
6"	26	85	6	9	41 1/2	16	82 1/2	370
8"	30	103	8	10 1/2	50	18 1/2	100	585
10"	36	118	10	12 1/2	59	21 1/2	115	860
12"	36	146	12	13	58	21 1/2	143	1295
14"	40	145	14	16	56	23 1/2	142	1450
16"	45	164	16	18	63	26	161 1/4	2030
18"	50	188	18	20	74	29	185	2520
20"	54	217	20	21	84	31	214	3090
22"	60	230	22	23	92	34	227	3930
24"	64	258	24	25	105	36	255 1/4	4550
26"	68	283	26	26	115	38	280 1/4	6380
28"	72	315	28	28	128	40	312 1/4	7560
30"	78	326	30	30	133	43	323 1/2	8760

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 MSA4 for best noise control for highest degree 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: