

# SUPER CRITICAL SPARK ARRESTING CHAMBER SILENCER

## 30 to 38 dBA Noise Reduction

### MSA33 OVERVIEW

The MSA33 silencer is engineered to provide a super critical grade attenuation with a highly efficient spark arrestor. Designed for use on the exhaust system of internal combustion engines where a fire hazard or dirt nuisance would exist from particles of carbon or ash in the exhaust stream. Great for quiet residential areas where background noise is relatively low and super critical grade silencing with a spark arresting feature is required

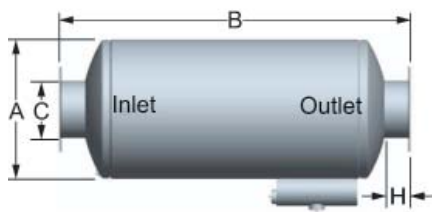
Typical Applications: Internal combustion engine exhausts, marine service, refineries/hazardous environments, and offshore drilling/production platforms

### FEATURES

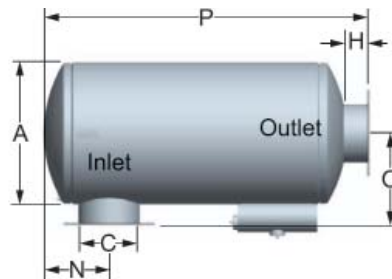
- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- High heat silicone black finish
- Connections: ANSI pattern flanged
- Two chambers
- Drain connections

### OPTIONS / ACCESSORIES

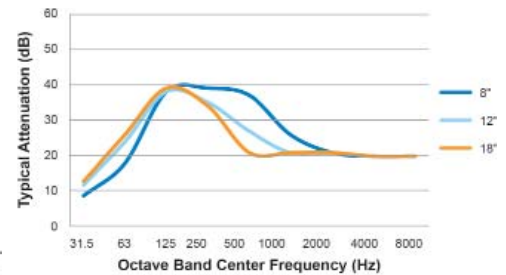
- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Custom inlet/outlet size, location and multiple orientation types available
- Horizontal or vertical support arrangements
- Aluminized steel, Stainless Steel 304 or 316 construction available
- Special paints and finishes available
- Complete range of exhaust accessories



Type 1 - EIEO



Type 2 - SIEO



MSA33								
Size / ØC	ØA	B	N Min	N Max	O	P	H	Est Wt
4	16	51	6.5		12	47	4	94
5	18	62	7		13	58	4	130
6	22	69	8.5		15	65	4	186
8	26	82	10		17	78	4	318
10	30	102	12		19	98	4	494
12	36	112	15		22	108	4	690
14	40	120	15.5		25	115	5	968
16	45	126	17		27.5	121	5	1155
18	50	135	19.5		30	130	5	1636
20	54	149	21.5		32	144	5	2086
22	60	157	23		35	152	5	2492
24	64	164	24.5		37	159	5	2831
26	68	184	25.5		39	179	5	3316
28	72	205	27		41	200	5	3821
30	78	220	28.5		44	215	5	5324

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