

# SUPER CRITICAL SPARK ARRESTING LOW PROFILE CHAMBER

## 30 to 37 dBA Noise Reduction

### MDSA42 OVERVIEW

The MDSA42 is engineered to provide a spark arresting super critical grade attenuation while minimizing space usage fire hazards exist. Centrifugal force separates solids from the exhaust gas stream in an easily accessible cleanout. It is an excellent choice for packaged power and process skids where space is a premium. Dual inlets and other custom designs can be easily incorporated. Design not only reduces surface temperature, but also radiated noise. Suitable for use where background noise is extremely low, such as residential or hospital locations away from busy streets.

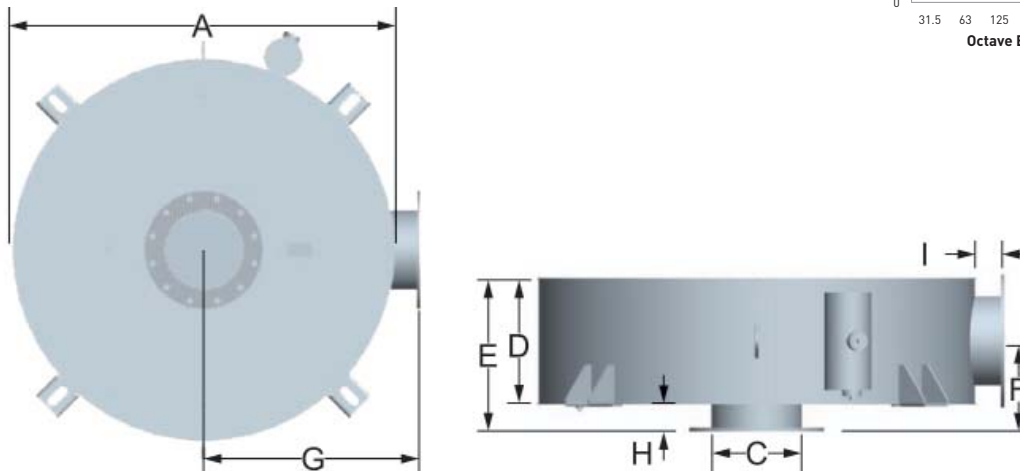
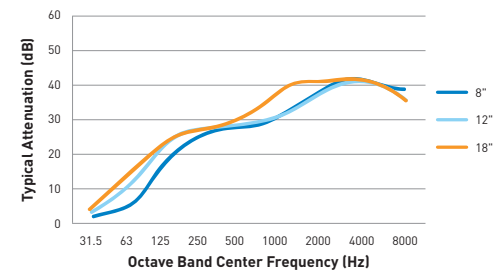
Typical Applications: Internal combustion engines, process skids, genset enclosures, as well as marine engines.

### FEATURES

- Heavy duty, welded construction
- Low surface temperature design
- ANSI drilled 125/150 lb. flanges on inlet and outlet
- High-temperature, prime coated black finish
- 2" thick internal insulation within double wall construction
- Lift lugs

### OPTIONS / ACCESSORIES

- Stainless steel construction: 304 or 316
- Custom inlet/outlet size, location and multiple orientation types available
- Support brackets
- Special paints and finishes available
- 1" internal insulation available
- Complete range of exhaust accessories



Silencer shown with optional bottom mounting brackets.

MDSA42									
Size / ØC	ØA	D	E	F	G	H	I	Est Wt	
4	32	10	14	9	20	4	4	165	
5	32	11	15	9.5	20	4	4	174	
6	38	12	16	10	23	4	4	238	
8	52	14	18	11	30	4	4	518	
10	59	16	20	12	33.5	4	4	701	
12	70	18	22	13	39	4	4	984	
14	70	24	29	17	40	5	5	1104	
16	75	28	33	19	42.5	5	5	1518	
18	86	30	35	20	48	5	5	2006	
20	94	32	37	21	52	5	5	2375	

Notes: Dimensions are in inches, weights are in pounds. A minimum 3" gap is recommended between the silencer and enclosure roof.

