

# RESIDENTIAL SPARK ARRESTING LOW PROFILE CHAMBER

## 19 to 25 dBA Noise Reduction

### MDSA22 OVERVIEW

The MDSA22 is engineered to provide a spark arresting residential 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. Suitable for use where background noise is extremely low, such as residential or industrial locations away from busy streets.

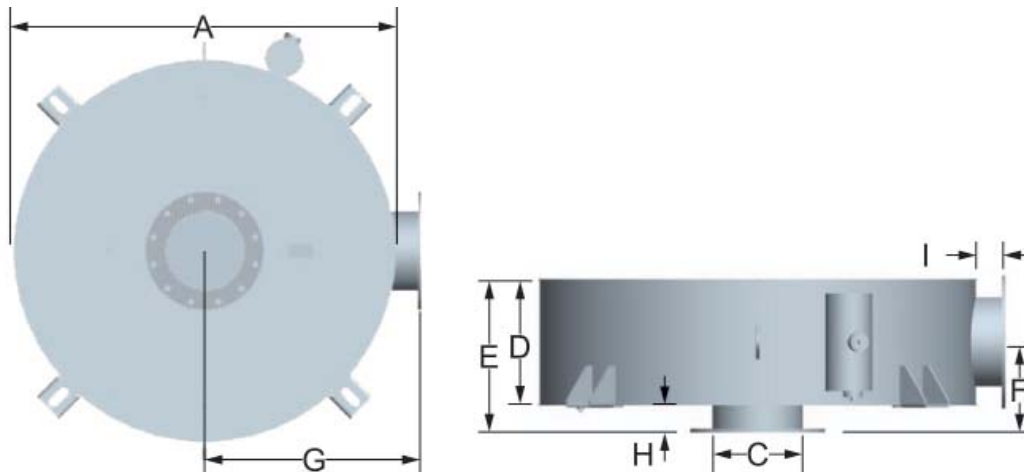
Typical Applications: Internal combustion engines, process skids, genset enclosures, as well as marine engines.

### OPTIONS / ACCESSORIES

- Low surface temperature design
- Stainless steel construction: 304 or 316
- Custom inlet/outlet size, location and multiple orientation types available
- Support brackets
- Special paints and finishes available
- 1" to 2" internal insulation available
- Complete range of exhaust accessories

### FEATURES

- Heavy duty, welded construction
- Unpacked/Non-insulated design
- Low surface temperature design
- ANSI drilled 125/150 lb. flanges on inlet and outlet
- High-temperature, prime coated black finish
- Lift lugs



Silencer shown with optional bottom mounting brackets.

MDSA22									
Size / ØC	ØA	D	E	F	G	H	I	Est Wt	
4	22	7	11	7.5	15	4	4	105	
5	24	8	12	8	16	4	4	121	
6	28	8.5	12.5	8.25	18	4	4	149	
8	33	12	16	10	20.5	4	4	239	
10	41	13	17	10.5	24.5	4	4	335	
12	45	17	21	12.5	26.5	4	4	475	
14	52	18	22	13	30	4	4	550	
16	59	21	23	14.5	33.5	4	4	728	
18	65	23	27	15.5	36.5	4	4	838	

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



# CRITICAL SPARK ARRESTING LOW PROFILE CHAMBER

## 22 to 28 dBA Noise Reduction

### MDSA32 OVERVIEW

The MDSA32 is engineered to provide a spark arresting 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.

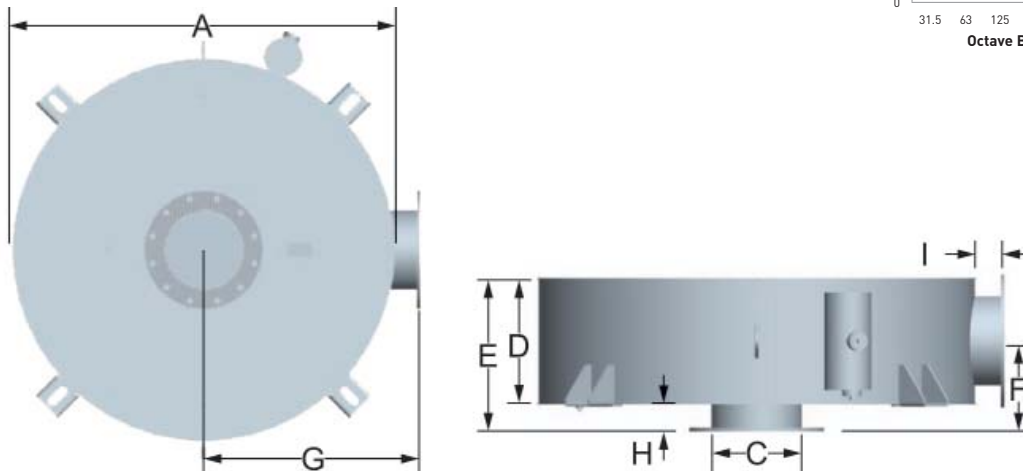
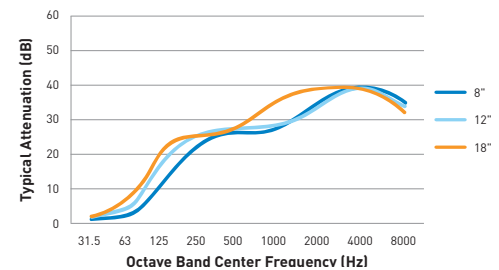
Typical Applications: Internal combustion engines, process skids, genset enclosures, as well as marine engines.

### 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.

MDSA32									
Size / ØC	ØA	D	E	F	G	H	I	Est Wt	
4	28	9	13	8.5	18	4	4	130	
5	29	11	15	9.5	18.5	4	4	150	
6	33	12	16	10	20.5	4	4	192	
8	45	14	18	11	26.5	4	4	341	
10	52	16	20	12	30	4	4	561	
12	62	18	22	13	35	4	4	816	
14	64	23	28	16.5	37	5	5	950	
16	74	25	30	17.5	42	5	5	1388	
18	84	27	32	18.5	47	5	5	1856	
20	92	28	33	19	51	5	5	2186	

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

# 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.

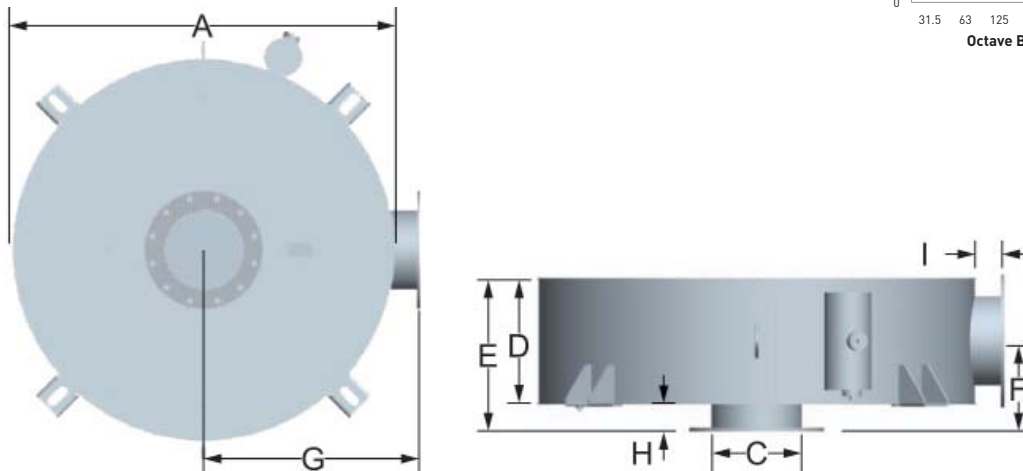
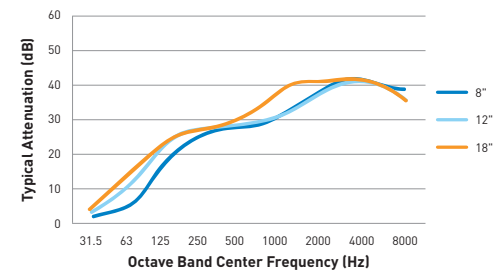
Typical Applications: Internal combustion engines, process skids, genset enclosures, as well as marine engines.

### 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.

