Silencer Specification

MAXIM SILENCERS

OVERVIEW

The MSA1 silencer is engineered to provide an industrial 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.

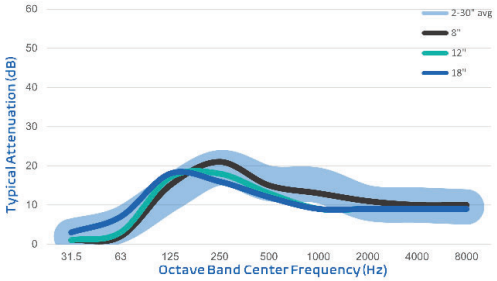
Typical Applications: Internal combustion engine exhausts, marine service, refineries/hazardous environments, and offshore drilling/production platforms

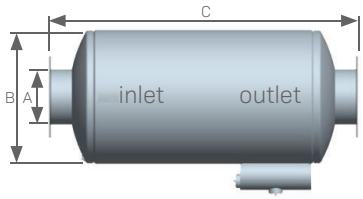
FEATURES

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- High heat silicone black finish
- Connections: Sizes 3.5 and under MNPT, 4 and up ANSI pattern flanged
- Two chambers
- Drain connection

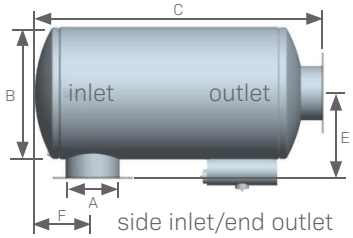
OPTIONS / ACCESSORIES

- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Custom inlet/outlet size, location and multiple orientations 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





end inlet/end outlet



side inlet/end outlet

PRODUCT SPECS

			End Inlet/End Outlet	Side Inlet/End Outlet			
Model-Size	A (size)	B (dia)	C (OAL)	C (OAL)	E	F	Est Wt
MSA1-02.0	2.0	6	20.0	17.0	6.0	3.5	23
MSA1-02.5	2.5	8	20.0	17.0	7.0	4.0	26
MSA1-03.0	3.0	8	24.0	21.0	7.0	4.0	28
MSA1-03.5	3.5	8	26.0	23.0	7.0	4.5	29
MSA1-04.0	4.0	10	30.0	26.0	9.0	5.0	40
MSA1-05.0	5.0	12	34.0	30.0	10.0	6.0	51
MSA1-06.0	6.0	14	41.0	37.0	11.0	6.5	75
MSA1-08.0	8.0	16	48.0	44.0	12.0	8.5	108
MSA1-10.0	10.0	18	50.0	46.0	13.0	9.5	138
MSA1-12.0	12.0	22	60.0	56.0	15.0	11.5	203
MSA1-14.0	14.0	30	70.0	65.0	20.0	13.5	394
MSA1-16.0	16.0	36	80.0	75.0	23.0	16.5	535
MSA1-18.0	18.0	40	90.0	85.0	25.0	17.5	858
MSA1-20.0	20.0	45	96.0	91.0	27.5	20.0	1,032
MSA1-22.0	22.0	50	109.0	104.0	30.0	22.0	1,308
MSA1-24.0	24.0	54	119.0	114.0	32.0	24.0	1,573
MSA1-26.0	26.0	60	125.0	120.0	35.0	26.0	1,936
MSA1-28.0	28.0	64	140.0	135.0	37.0	28.0	2,382
MSA1-30.0	30.0	68	153.0	148.0	39.0	30.0	2,867

- All dimensions are in inches. All weights are in pounds. Weights are approximate.
- Listed sound data is based on typical performance and should not be considered absolute.
- See nomenclature guide for additional information on part number creation.

MSA2

RESIDENTIAL GRADE SPARK ARRESTING
20 to 25 dBA Noise Reduction

Silencer Specification

MAXIM SILENCERS

OVERVIEW

The MSA2 silencer is engineered to provide a residential 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.

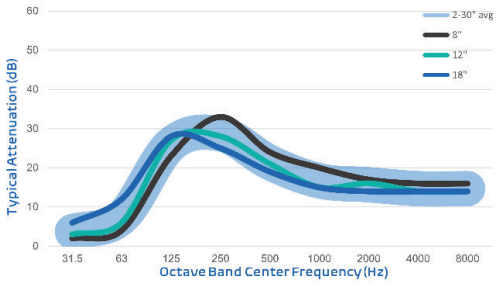
Typical Applications: Internal combustion engine exhausts, marine service, refineries/hazardous environments, and offshore drilling/production platforms

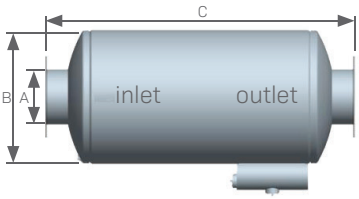
FEATURES

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- High heat silicone black finish
- Connections: Sizes 3.5 and under MNPT, 4 and up ANSI pattern flanged
- Two chambers
- Drain connection

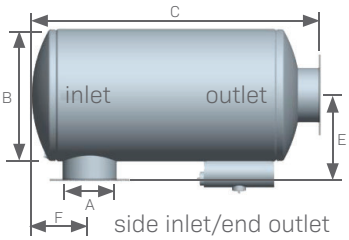
OPTIONS / ACCESSORIES

- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Custom inlet/outlet size, location and multiple orientations 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





end inlet/end outlet



side inlet/end outlet

PRODUCT SPECS

			End Inlet/End Outlet	Side Inlet/End Outlet			
Model-Size	**A (size)**	**B (dia)**	**C (OAL)**	**C (OAL)**	**E**	**F**	**Est Wt**
MSA2-02.0	2.0	8	24.0	21.0	7.0	4.0	21
MSA2-02.5	2.5	10	24.0	21.0	8.0	4.5	28
MSA2-03.0	3.0	12	26.0	23.0	9.0	5.0	41
MSA2-03.5	3.5	14	30.0	27.0	10.0	5.5	55
MSA2-04.0	4.0	14	36.0	32.0	11.0	6.0	64
MSA2-05.0	5.0	16	43.0	39.0	12.0	7.0	88
MSA2-06.0	6.0	18	49.0	45.0	13.0	7.5	110
MSA2-08.0	8.0	22	59.0	55.0	15.0	9.5	178
MSA2-10.0	10.0	26	64.0	60.0	17.0	11.5	280
MSA2-12.0	12.0	30	77.0	73.0	19.0	13.0	416
MSA2-14.0	14.0	36	83.0	78.0	23.0	15.5	558
MSA2-16.0	16.0	40	90.0	85.0	25.0	16.5	793
MSA2-18.0	18.0	45	96.0	91.0	27.5	18.0	950
MSA2-20.0	20.0	50	109.0	104.0	30.0	20.5	1,392
MSA2-22.0	22.0	54	119.0	114.0	32.0	22.5	1,806
MSA2-24.0	24.0	60	125.0	120.0	35.0	24.0	2,187
MSA2-26.0	26.0	64	140.0	135.0	37.0	25.5	2,586
MSA2-28.0	28.0	68	155.0	150.0	39.0	26.5	2,984
MSA2-30.0	30.0	72	166.0	161.0	41.0	28.0	3,445

- All dimensions are in inches. All weights are in pounds. Weights are approximate.
- Listed sound data is based on typical performance and should not be considered absolute.
- See nomenclature guide for additional information on part number creation.

info@miratechcorp.com | 1-800-640-3141 | **miratechcorp.com**

Silencer Specification

MAXIM SILENCERS

OVERVIEW

The MSA3 silencer is engineered to provide a 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.

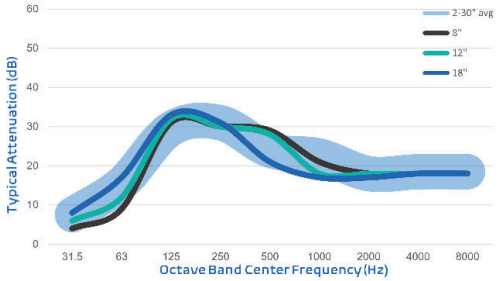
Typical Applications: Internal combustion engine exhausts, marine service, refineries/hazardous environments, and offshore drilling/production platforms

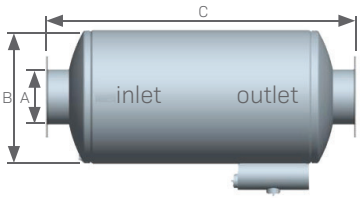
FEATURES

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- High heat silicone black finish
- Connections: Sizes 3.5 and under MNPT, 4 and up ANSI pattern flanged
- Two chambers
- Drain connection

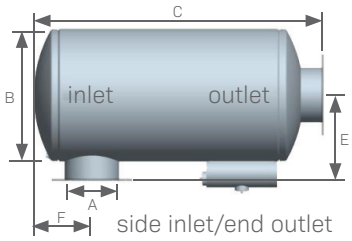
OPTIONS / ACCESSORIES

- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Custom inlet/outlet size, location and multiple orientations 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





end inlet/end outlet



side inlet/end outlet

PRODUCT SPECS

			End Inlet/End Outlet	Side Inlet/End Outlet			
Model-Size	**A (size)**	**B (dia)**	**C (OAL)**	**C (OAL)**	**E**	**F**	**Est Wt**
MSA3-02.0	2.0	8	34.0	31.0	7.0	4.5	28
MSA3-02.5	2.5	10	34.0	31.0	8.0	5.0	37
MSA3-03.0	3.0	12	38.0	35.0	9.0	5.5	54
MSA3-03.5	3.5	14	42.0	39.0	10.0	6.0	70
MSA3-04.0	4.0	14	48.0	44.0	11.0	6.0	77
MSA3-05.0	5.0	16	57.0	53.0	12.0	7.0	108
MSA3-06.0	6.0	18	63.0	59.0	13.0	8.0	132
MSA3-08.0	8.0	22	74.0	70.0	15.0	9.5	205
MSA3-10.0	10.0	26	87.0	83.0	17.0	11.5	356
MSA3-12.0	12.0	30	102.0	98.0	19.0	13.0	518
MSA3-14.0	14.0	36	109.0	104.0	23.0	15.5	687
MSA3-16.0	16.0	40	119.0	114.0	25.0	16.5	976
MSA3-18.0	18.0	45	127.0	122.0	27.5	18.0	1,169
MSA3-20.0	20.0	50	137.0	132.0	30.0	20.5	1,676
MSA3-22.0	22.0	54	149.0	144.0	32.0	22.5	2,127
MSA3-24.0	24.0	60	162.0	157.0	35.0	24.0	2,627
MSA3-26.0	26.0	64	183.0	178.0	37.0	25.5	3,106
MSA3-28.0	28.0	68	200.0	195.0	39.0	26.5	3,561
MSA3-30.0	30.0	72	216.0	211.0	41.0	28.0	4,140

- All dimensions are in inches. All weights are in pounds. Weights are approximate.
- Listed sound data is based on typical performance and should not be considered absolute.
- See nomenclature guide for additional information on part number creation.

MSA4

SUPER CRITICAL GRADE SPARK ARRESTING
30 to 38 dBA Noise Reduction

MIRATECH

Silencer Specification

MAXIM SILENCERS

OVERVIEW

The MSA4 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.

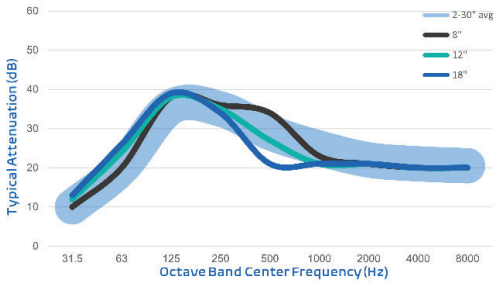
Typical Applications: Internal combustion engine exhausts, marine service, refineries/hazardous environments, and offshore drilling/production platforms

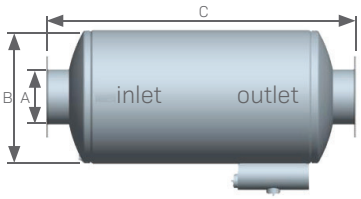
FEATURES

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- High heat silicone black finish
- Connections: Sizes 3.5 and under MNPT, 4 and up ANSI pattern flanged
- Two chambers
- Drain connection

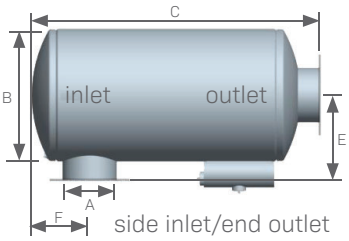
OPTIONS / ACCESSORIES

- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Custom inlet/outlet size, location and multiple orientations 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





end inlet/end outlet



side inlet/end outlet

PRODUCT SPECS

			End Inlet/End Outlet	Side Inlet/End Outlet			
Model-Size	**A (size)**	**B (dia)**	**C (OAL)**	**C (OAL)**	**E**	**F**	**Est Wt**
MSA4-02.0	2.0	10	36.0	33.0	8.0	4.5	49
MSA4-02.5	2.5	12	40.0	37.0	9.0	5.5	60
MSA4-03.0	3.0	14	46.0	43.0	10.0	5.5	76
MSA4-03.5	3.5	16	50.0	47.0	11.0	6.5	94
MSA4-04.0	4.0	16	51.0	47.0	12.0	6.5	94
MSA4-05.0	5.0	18	62.0	58.0	13.0	7.0	130
MSA4-06.0	6.0	22	69.0	65.0	15.0	8.5	186
MSA4-08.0	8.0	26	82.0	78.0	17.0	10.0	318
MSA4-10.0	10.0	30	102.0	98.0	19.0	12.0	494
MSA4-12.0	12.0	36	112.0	108.0	22.0	15.0	690
MSA4-14.0	14.0	40	120.0	115.0	25.0	15.5	968
MSA4-16.0	16.0	45	126.0	121.0	27.5	17.0	1,155
MSA4-18.0	18.0	50	135.0	130.0	30.0	19.5	1,636
MSA4-20.0	20.0	54	149.0	144.0	32.0	21.5	2,086
MSA4-22.0	22.0	60	157.0	152.0	35.0	23.0	2,492
MSA4-24.0	24.0	64	164.0	159.0	37.0	24.5	2,831
MSA4-26.0	26.0	68	184.0	179.0	39.0	25.5	3,316
MSA4-28.0	28.0	72	205.0	200.0	41.0	27.0	3,821
MSA4-30.0	30.0	78	220.0	215.0	44.0	28.5	5,324

- All dimensions are in inches. All weights are in pounds. Weights are approximate.
- Listed sound data is based on typical performance and should not be considered absolute.
- See nomenclature guide for additional information on part number creation.

info@miratechcorp.com | 1-800-640-3141 | **miratechcorp.com**

Silencer Specification

MAXIM SILENCERS

OVERVIEW

The MSA5 silencer is engineered to provide a hospital 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.

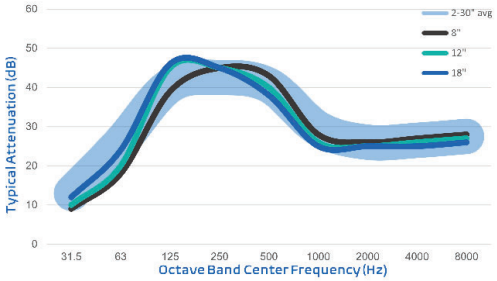
Typical Applications: Internal combustion engine exhausts, marine service, refineries/hazardous environments, and offshore drilling/production platforms

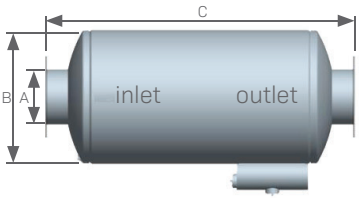
FEATURES

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- High heat silicone black finish
- Connections: Sizes 3.5 and under MNPT, 4 and up ANSI pattern flanged
- Sizes 6 and under are two chambered, 8 and above are three chambers
- Drain connection

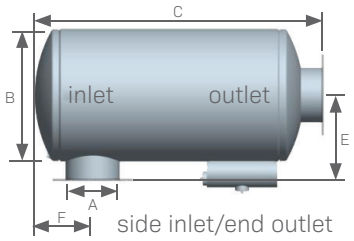
OPTIONS / ACCESSORIES

- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Custom inlet/outlet size, location and multiple orientations 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





end inlet/end outlet



side inlet/end outlet

PRODUCT SPECS

			End Inlet/End Outlet	Side Inlet/End Outlet			
Model-Size	**A (size)**	**B (dia)**	**C (OAL)**	**C (OAL)**	**E**	**F**	**Est Wt**
MSA5-02.0	2.0	10	40.0	37.0	8.0	4.5	47
MSA5-02.5	2.5	12	46.0	43.0	9.0	5.5	59
MSA5-03.0	3.0	14	50.0	47.0	10.0	6.0	74
MSA5-03.5	3.5	16	54.0	51.0	11.0	7.0	93
MSA5-04.0	4.0	18	62.0	58.0	13.0	7.0	119
MSA5-05.0	5.0	22	74.0	70.0	15.0	9.0	189
MSA5-06.0	6.0	26	85.0	81.0	17.0	11.0	305
MSA5-08.0	8.0	30	103.0	99.0	19.0	12.0	517
MSA5-10.0	10.0	36	118.0	114.0	22.0	14.0	730
MSA5-12.0	12.0	36	130.0	126.0	22.0	14.0	820
MSA5-14.0	14.0	40	145.0	140.0	25.0	17.0	1,188
MSA5-16.0	16.0	45	156.0	151.0	27.5	19.0	1,461
MSA5-18.0	18.0	50	171.0	166.0	30.0	21.0	2,111
MSA5-20.0	20.0	54	185.0	180.0	32.0	22.0	2,664
MSA5-22.0	22.0	60	199.0	194.0	35.0	24.0	3,237
MSA5-24.0	24.0	64	212.0	207.0	37.0	26.0	3,693
MSA5-26.0	26.0	68	235.0	230.0	39.0	27.0	4,313
MSA5-28.0	28.0	72	268.0	263.0	41.0	29.0	5,053
MSA5-30.0	30.0	78	278.0	273.0	44.0	32.0	6,866

- All dimensions are in inches. All weights are in pounds. Weights are approximate.
- Listed sound data is based on typical performance and should not be considered absolute.
- See nomenclature guide for additional information on part number creation.

MSA6

SUPER HOSPITAL GRADE SPARK ARRESTING
35 to 50 dBA Noise Reduction

MIRATECH

Silencer Specification

MAXIM SILENCERS

OVERVIEW

The MSA6 silencer is engineered to provide the highest grade attenuation with a highly efficient spark arrestor. This is a reactive silencer with absorptive type features without using multiple silencers in series. 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.

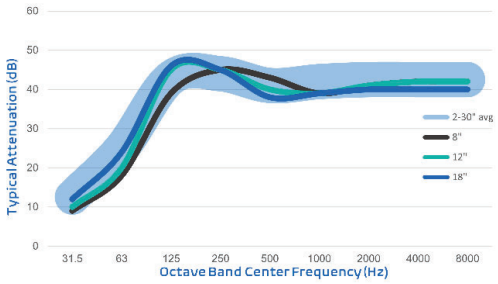
Typical Applications: Internal combustion engine exhausts, marine service, refineries/hazardous environments, and offshore drilling/production platforms

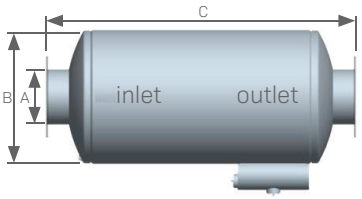
FEATURES

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- High heat silicone black finish
- Connections: Sizes 3.5 and under MNPT, 4 and up ANSI pattern flanged
- Sizes 6 and under are two chambered, 8 and above are three chambers
- Drain connection

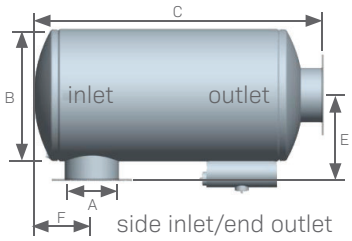
OPTIONS / ACCESSORIES

- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Custom inlet/outlet size, location and multiple orientations 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





end inlet/end outlet



side inlet/end outlet

PRODUCT SPECS

			End Inlet/End Outlet	Side Inlet/End Outlet			
Model-Size	**A (size)**	**B (dia)**	**C (OAL)**	**C (OAL)**	**E**	**F**	**Est Wt**
MSA6-02.0	2.0	10	40.0	37.0	8.0	4.5	124
MSA6-02.5	2.5	12	46.0	43.0	9.0	5.5	137
MSA6-03.0	3.0	14	50.0	47.0	10.0	6.0	153
MSA6-03.5	3.5	16	54.0	51.0	11.0	7.0	173
MSA6-04.0	4.0	18	62.0	58.0	13.0	7.0	200
MSA6-05.0	5.0	22	74.0	70.0	15.0	9.0	314
MSA6-06.0	6.0	26	85.0	81.0	17.0	11.0	382
MSA6-08.0	8.0	30	103.0	99.0	19.0	12.0	590
MSA6-10.0	10.0	36	118.0	114.0	22.0	14.0	829
MSA6-12.0	12.0	36	130.0	126.0	22.0	14.0	953
MSA6-14.0	14.0	40	145.0	140.0	25.0	17.0	1,345
MSA6-16.0	16.0	45	156.0	151.0	27.5	19.0	1,628
MSA6-18.0	18.0	50	171.0	166.0	30.0	21.0	2,371
MSA6-20.0	20.0	54	185.0	180.0	32.0	22.0	2,969
MSA6-22.0	22.0	60	199.0	194.0	35.0	24.0	3,562
MSA6-24.0	24.0	64	212.0	207.0	37.0	26.0	4,048
MSA6-26.0	26.0	68	235.0	230.0	39.0	27.0	4,737
MSA6-28.0	28.0	72	268.0	263.0	41.0	29.0	5,692
MSA6-30.0	30.0	78	278.0	273.0	44.0	32.0	7,573

- All dimensions are in inches. All weights are in pounds. Weights are approximate.
- Listed sound data is based on typical performance and should not be considered absolute.
- See nomenclature guide for additional information on part number creation.

info@miratechcorp.com | 1-800-640-3141 | **miratechcorp.com**