

Silencer Catalog



GTTM
EXHAUST

A Division of Nelson Global Products

Engineered for Performance - Silenced by QualityTM





GTTM
EXHAUST

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To request a quote:



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PRODUCTS INC.

Engineered Solutions To
Industrial Applications

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COMMERCIAL GRADE SILENCER

14 to 20 dBA Noise Reduction

A201-2100

APPLICATION

A rugged silencer for commercial or industrial areas where ambient noise levels are high.

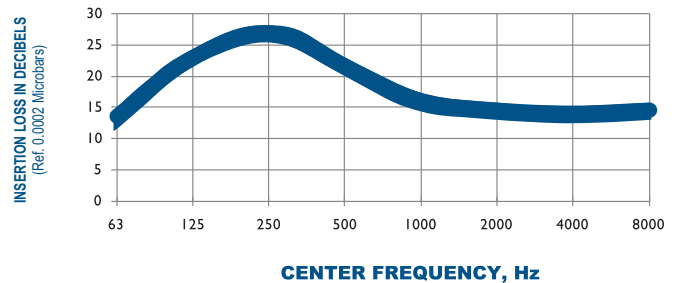
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A201-2100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - 1	D OAL - 2	E OAL - 3	F Min	F Max	G Flange Center	H Min	H Max	WT
SIZES 6" AND BELOW COME STANDARD WITH ID CUFF / OD TUBE CONNECTIONS											
A201-2104	4	10	36	33	30	5	13	8	5	7	24
A201-2105	5	10	42	39	36	5	16	9	5	9	27
A201-2106	6	12	42	39	36	6	16	9	6	7	35
SIZES 8" AND ABOVE COME STANDARD WITH ANSI PATTERN FLANGED CONNECTIONS											
A201-2108	8	18	49	45	42	8	18	13	8	8	110
A201-2110	10	22	62	59	56	12	25	15	12	13	164
A201-2112	12	26	63	59	56	12	23	17	12	12	259
A201-2114	14	30	76	73	70	15	31	19	15	16	346

All spatial dimensions are in inches. Inlet sizes available up to 30 inches.
 Additional connections available. **See silencer price book for breakdown of A200 part number.**
 F MAX is for inlet only. H MAX is for outlet only. All weights are in pounds. All weights are approximate.
 Use diameter to find bracket sizes. Example: A201-2108 (18" dia) would require 3ACI-28-1800 brackets (or similar 29 brackets).

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RESIDENTIAL GRADE SILENCER

19 to 25 dBA Noise Reduction

A201-4100

APPLICATION

For areas where ambient noise levels are moderate. Excellent for use on stationary, marine and mobile power units. Well suited for applications requiring moderate silencing.

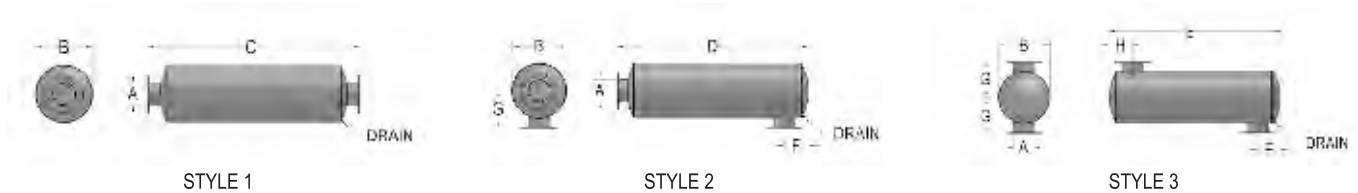
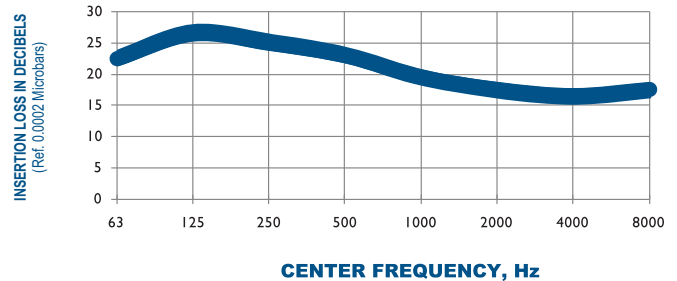
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A201-4100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - 1	D OAL - 2	E OAL - 3	F Min	F Max	G Flange Center	H Min	H Max	WT
SIZES 6" AND BELOW COME STANDARD WITH ID CUFF / OD TUBE CONNECTIONS											
A201-41015	1.5	6	30	27	24	3	11	5	3	7	10
A201-4102	2	6	36	33	30	3	14	6	3	9	13
A201-41025	2.5	8	42	39	36	4	18	7	4	10	21
A201-4103	3	8	42	39	36	4	17	7	4	10	21
A201-41035	3.5	10	46	43	40	5	19	8	5	11	29
A201-4104	4	10	46	43	40	5	19	8	5	11	29
A201-4105	5	10	54	51	48	6	23	9	6	14	34
A201-4106	6	12	54	51	48	6	23	9	6	12	43
SIZES 8" AND ABOVE COME STANDARD WITH ANSI PATTERN FLANGED CONNECTIONS											
A201-4108	8	18	61	57	54	8	25	13	8	13	124
A201-4110	10	22	74	71	67	12	32	15	12	17	182
A201-4112	12	26	75	72	69	13	31	17	13	17	299
A201-4114	14	30	100	97	94	15	45	19	15	26	413
A201-4116	16	36	114	111	109	17	53	22	17	30	585
A201-4118	18	36	126	123	119	18	64	22	18	38	733
A201-4120	20	42	139	136	133	20	66	25	20	36	1013
A201-4122	22	48	141	138	136	22	74	29	22	37	1192
A201-4124	24	54	142	139	137	24	66	31	24	35	1404

Additional connections available. See silencer price book for breakdown of A200 part number.
F MAX is for inlet only. H MAX is for outlet only. All weights are in pounds. All weights are approximate.
Use diameter to find bracket sizes. Example: A201-4108 (18" dia) would require 28-1800 brackets (or similar 29 brackets).

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CRITICAL GRADE SILENCER

25 to 35 dBA Noise Reduction

A201-5100

APPLICATION

For use where ambient noise levels are very low, and a high degree of silencing is required. This silencer is well suited for stationary, marine and mobile applications.

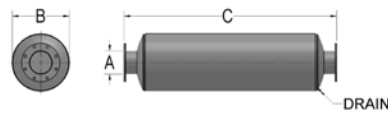
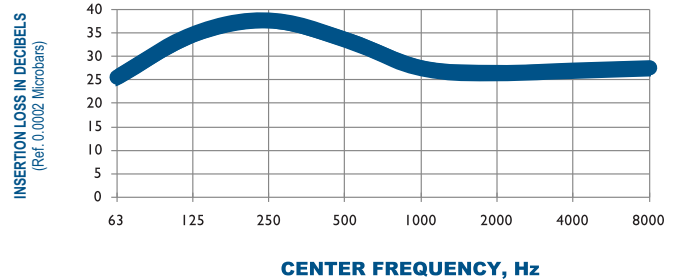
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

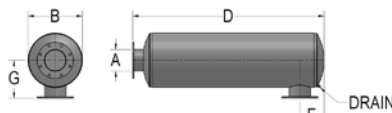
FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

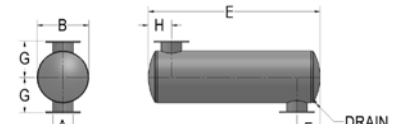
TYPICAL ATTENUATION CURVE A201-5100
OCTAVE BAND



STYLE 1



STYLE 2



STYLE 3

Part Number	A Inlet Size	B Diameter	C OAL - 1	D OAL - 2	E OAL - 3	F Min	F Max	G Flange Center	H Min	H Max	WT
SIZES 6" AND BELOW COME STANDARD WITH ID CUFF / OD TUBE CONNECTIONS											
A201-51015	1.5	6	30	27	24	3	11	6	3	8	16
A201-5102	2	8	31	28	25	4	10	7	4	8	24
A201-51025	2.5	8	41	38	35	4	15	7	4	11	33
A201-5103	3	10	42	39	36	5	14	8	5	12	42
A201-51035	3.5	10	54	51	48	5	21	8	5	17	56
A201-5104	4	12	55	52	49	6	23	10	6	16	66
A201-5105	5	14	61	57	53	7	23	11	7	18	92
A201-5106	6	16	73	70	66	8	31	12	8	23	127
SIZES 8" AND ABOVE COME STANDARD WITH ANSI PATTERN FLANGED CONNECTIONS											
A201-5108	8	20	75	71	67	9	29	14	9	22	220
A201-5110	10	24	99	95	92	11	43	16	11	31	336
A201-5112	12	28	100	97	93	12	41	18	12	31	493
A201-5114	14	30	136	133	130	14	62	19	14	46	757
A201-5116	16	36	139	136	132	16	60	22	16	45	1060
A201-5118	18	42	141	138	134	18	61	26	18	45	1273
A201-5120	20	42	164	161	158	19	34	26	19	21	1326
A201-5122	22	48	164	161	159	20	33	29	20	21	1814
A201-5124	24	54	166	163	161	23	71	32	23	54	2289

All spatial dimensions are in inches. Inlet sizes available up to 30 inches.

Additional connections available. See silencer price book for breakdown of A200 part number.

F MAX is for inlet only. H MAX is for outlet only. All weights are in pounds. All weights are approximate.

Use diameter to find bracket sizes. Example: A201-5108 (20" dia) would require 3ACI-28-2000 brackets (or similar 29 brackets).

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CRITICAL PLUS GRADE SILENCER

30 to 38 dBA Noise Reduction

A201-5600

APPLICATION

This silencer builds on the performance levels of the critical grade silencer, providing further attenuation on high end frequencies while maintaining the size of an A201-5100 unit. Users will gain optimal sound reduction on an application without having to upgrade to the performance-based super critical grade of silencers.

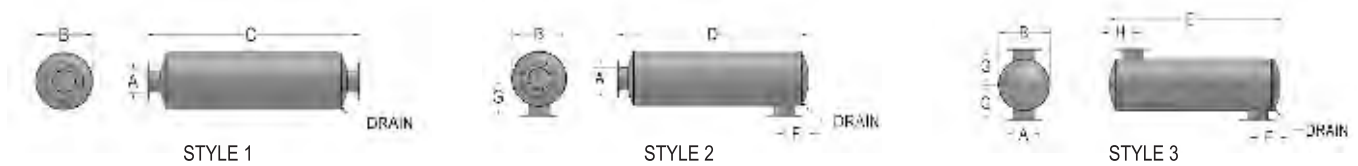
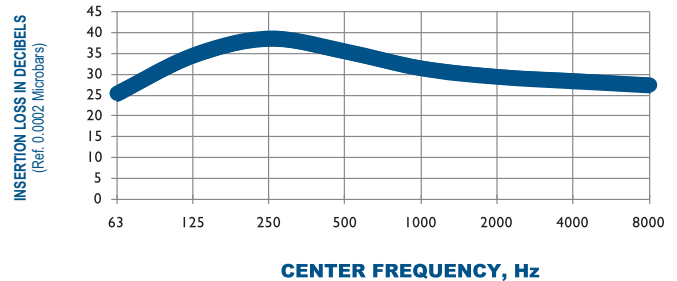
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A201-5600
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - 1	D OAL - 2	E OAL - 3	F Min	F Max	G Flange Center	H Min	H Max	WT
SIZES 6" AND BELOW COME STANDARD WITH ID CUFF / OD TUBE CONNECTIONS											
A201-56015	1.5	6	30	27	24	3	10	6	3	8	16
A201-5602	2	8	31	28	25	4	9	7	4	8	24
A201-56025	2.5	8	41	38	35	4	14	7	4	12	34
A201-5603	3	10	42	39	36	5	14	8	5	12	43
A201-56035	3.5	10	54	51	48	5	21	8	5	17	58
A201-5604	4	12	55	52	49	6	21	10	6	16	71
A201-5605	5	14	61	57	53	7	23	11	7	18	93
A201-5606	6	16	73	70	66	8	29	12	8	22	131
SIZES 8" AND ABOVE COME STANDARD WITH ANSI PATTERN FLANGED CONNECTIONS											
A201-5608	8	20	75	71	67	9	29	14	9	22	218
A201-5610	10	24	99	95	92	11	42	16	11	32	342
A201-5612	12	28	100	97	93	12	42	18	12	32	488
A201-5614	14	30	136	133	130	14	62	19	14	46	759
A201-5616	16	36	139	136	132	16	61	22	16	47	1083
A201-5618	18	42	141	138	134	18	61	26	18	45	1300
A201-5620	20	42	164	161	158	19	34	26	19	21	1352
A201-5622	22	48	164	161	159	20	33	29	20	21	1848
A201-5624	24	54	166	163	161	23	71	32	23	54	2328

All spatial dimensions are in inches. Inlet sizes available up to 30 inches.
 Additional connections available. See silencer price book for breakdown of A200 part number.
 F MAX is for inlet only. H MAX is for outlet only. All weights are in pounds. All weights are approximate.
 Use diameter to find bracket sizes. Example: A201-5608 (20" dia) would require 3ACI-28-2000 brackets (or similar 29 brackets).

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SUPER CRITICAL GRADE SILENCER

32 to 42 dBA Noise Reduction

A201-6100

APPLICATION

Super critical grade silencer providing a premium level of performance where ambient noise levels are very low and optimal attenuation is mandatory. Recommended for all marine, stationary and mobile, power applications where noise attenuation is critical.

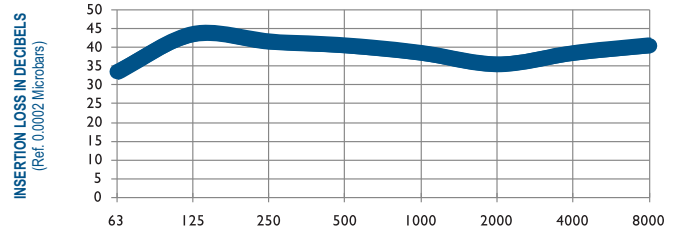
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A201-6100
OCTAVE BAND



CENTER FREQUENCY, Hz



Part Number	A Inlet Size	B Diameter	C OAL - 1	D OAL - 2	E OAL - 3	F Min	F Max	G Flange Center	H Min	H Max	WT
SIZES 6" AND BELOW COME STANDARD WITH ID CUFF / OD TUBE CONNECTIONS											
A201-6102	2	10	30	27	24	4	8	8	4	7	33
A201-61025	2.5	10	42	39	36	5	15	8	5	11	46
A201-6103	3	12	43	40	37	5	15	9	5	11	58
A201-61035	3.5	14	55	52	49	6	21	10	6	16	92
A201-6104	4	14	55	52	49	6	21	11	6	16	92
A201-6105	5	16	62	58	54	7	23	12	7	17	118
A201-6106	6	20	75	71	67	8	30	14	8	22	184
SIZES 8" AND ABOVE COME STANDARD WITH ANSI PATTERN FLANGED CONNECTIONS											
A201-6108	8	24	76	72	68	10	30	16	10	21	283
A201-6110	10	28	100	96	93	11	42	18	11	22	499
A201-6112	12	36	102	99	95	14	40	22	14	33	749
A201-6114	14	36	138	135	132	15	61	22	15	46	1021
A201-6116	16	42	140	137	133	16	60	25	16	46	1325
A201-6118	18	48	142	139	135	18	59	29	18	46	1541
A201-6120	20	48	165	162	159	19	72	29	19	55	1773
A201-6122	22	54	166	163	161	21	71	32	21	52	2045
A201-6124	24	60	167	164	162	23	70	35	23	55	2335

All spatial dimensions are in inches. Inlet sizes available up to 30 inches. Additional connections available. See silencer price book for breakdown of A200 part number. F MAX is for inlet only. H MAX is for outlet only. All weights are in pounds. All weights are approximate. Use diameter to find bracket sizes. Example: A201-6108 (24" dia) would require 3ACI-28-2400 brackets (or similar 29 brackets).

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EXTREME GRADE SILENCER

45 to 52 dBA Noise Reduction

A201-7100

APPLICATION

Designed for applications where an acute attenuation is mandatory. This model performs the work of two silencers in series. Recommended for use in highly critical environments requiring extreme exhaust noise attenuation. Horizontal application is typical, contact factory for vertical applications.

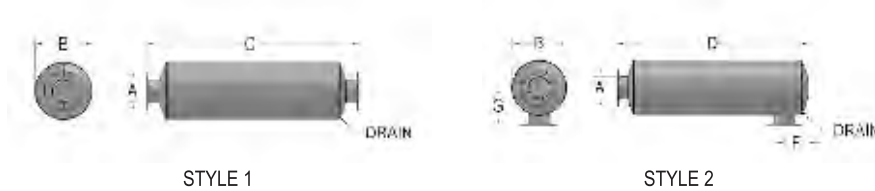
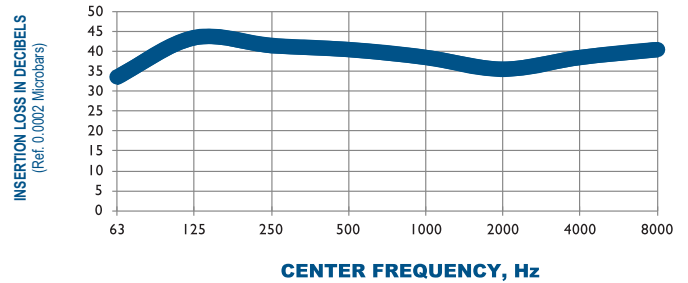
CONSTRUCTION

All sizes come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A201-7100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - 1	D OAL - 2	F Min	F Max	G Flange Center	WT
A201-7104	4	14	84	81	6	20	11	166
A201-7105	5	18	105	101	7	28	14	257
A201-7106	6	22	105	102	8	27	15	310
A201-7108	8	24	106	102	10	25	16	397
A201-7110	10	28	161	158	11	42	18	723
A201-7112	12	36	163	160	14	41	22	1352
A201-7114	14	42	190	186	16	52	25	2001
A201-7116	16	42	202	198	17	51	25	2149
A201-7118	18	48	228	224	18	74	29	3162
A201-7120	20	54	230	227	20	74	32	3420
A201-7122	22	60	244	240	22	60	35	3932
A201-7124	24	60	244	240	23	59	36	4148

All spatial dimensions are in inches. Inlet sizes available up to 30 inches. Additional connections available. F MAX is for inlet only. Weights are in pounds. Weights are approximate. See silencer pricebook for breakdown of A200 part number. For specific sound application, contact factory. Example: A201-7108 (24" dia) would require 3ACI-28-2400 brackets (or similar 29 brackets).

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SUPER EXTREME GRADE SILENCER

45 to 60 dBA Noise Reduction

A201-8100

APPLICATION

Designed for applications where an acute attenuation is mandatory. This model performs the work of two silencers in series. Recommended for use in highly critical environments requiring extreme exhaust noise attenuation. Horizontal application is typical, contact factory for vertical applications.

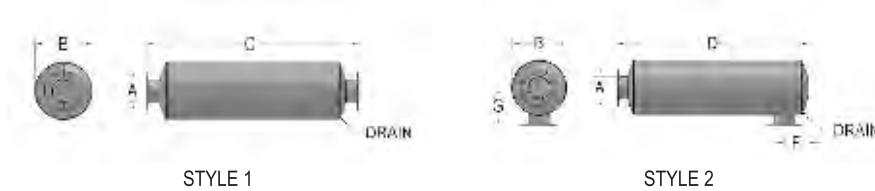
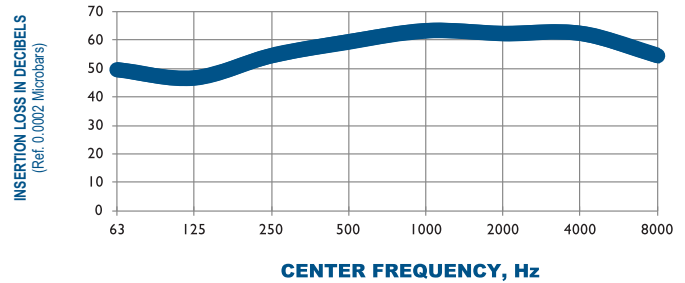
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A201-8100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F Min	F Max	G Flange Center	WT
A201-8106	6	28	147	144	9	53	18	642
A201-8108	8	30	148	144	11	51	19	823
A201-8110	10	36	203	200	13	70	22	1402
A201-8112	12	42	205	202	15	70	25	1883
A201-8114	14	48	232	228	17	79	28	2498
A201-8116	16	48	244	240	18	85	28	2614
A201-8118	18	54	270	266	19	99	32	3370
A201-8120	20	60	272	269	21	101	35	3849
A201-8122	22	68	286	282	25	98	40	5876
A201-8124	24	68	286	282	26	98	40	5833

All sizes come standard with ANSI pattern flanges.
 All spatial dimensions are in inches. Inlet sizes available up to 30 inches.
 Additional connections available. F MAX is for inlet only.
 Weights are in pounds. Weights are approximate.
 See silencer pricebook for breakdown of A200 part number.
 For specific sound application, contact factory.
 Example: A202-8108 (30" dia) would require 3ACI-28-3000 brackets (or similar 29 brackets).



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nelsonglobalproducts.com

COMMERCIAL GRADE SPARK ARRESTOR

12 to 20 dBA Noise Reduction

A202-2100

APPLICATION

A spark arresting silencer for use on exhaust of internal combustion engines where fire hazards exist, and minimal silencing is required. Centrifugal force separates solids from the exhaust gas stream. Solids are then deposited in easily accessible cleanouts.

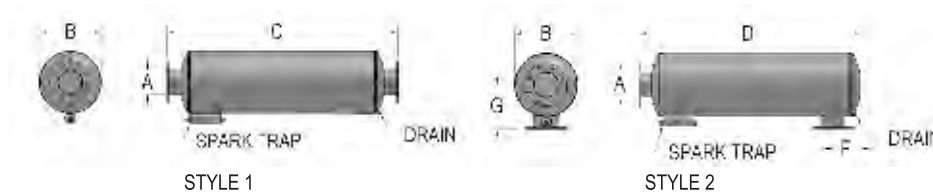
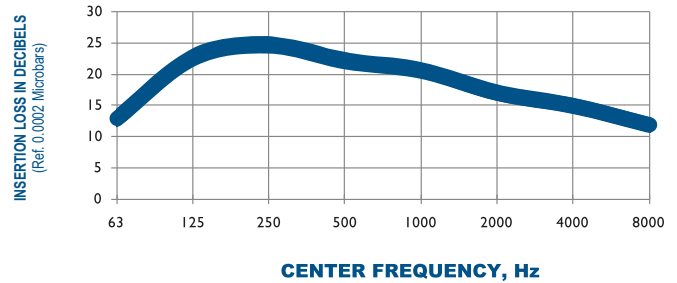
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A202-2100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F Min	F Max	G Flange Center	WT
SIZES 6" AND BELOW COME STANDARD WITH ID CUFF / OD TUBE CONNECTIONS								
A202-2104	4	10	36	33	5	9	8	29
A202-2105	5	10	42	39	6	12	9	32
A202-2106	6	12	42	39	6	12	9	41
SIZES 8" AND ABOVE COME STANDARD WITH ANSI PATTERN FLANGED CONNECTIONS								
A202-2108	8	18	49	45	8	11	13	118
A202-2110	10	22	62	59	10	15	15	177
A202-2112	12	26	63	59	12	13	17	301
A202-2114	14	30	76	73	15	19	19	376
A202-2116	16	42	81	77	16	16	25	726
A202-2118	18	48	100	96	18	22	28	985
A202-2120	20	48	118	114	20	29	28	1107
A202-2122	22	54	120	116	21	29	31	1299
A202-2124	24	60	132	128	24	33	34	1589

All spatial dimensions are in inches. Inlet sizes available up to 30 inches. Additional connections available. F MAX is for inlet only. Weights are in pounds. Weights are approximate. See silencer price book for breakdown of A200 part number. Use diameter to find bracket sizes. Example: A202-2108 (18" dia) would require 3ACI-28-3000 brackets (or similar 29 brackets).

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RESIDENTIAL GRADE SPARK ARRESTOR

18 to 25 dBA Noise Reduction

A202-4100

APPLICATION

A spark arresting silencer for use on exhaust of internal combustion engines where fire hazards exist. Well suited for applications where surrounding environment requires a moderate level of silencing. Centrifugal force separates solids from the exhaust gas stream. Solids are then deposited in easily accessible cleanouts.

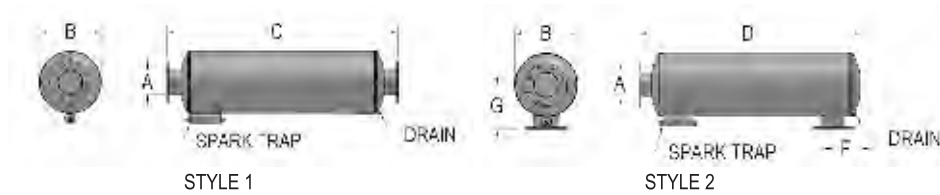
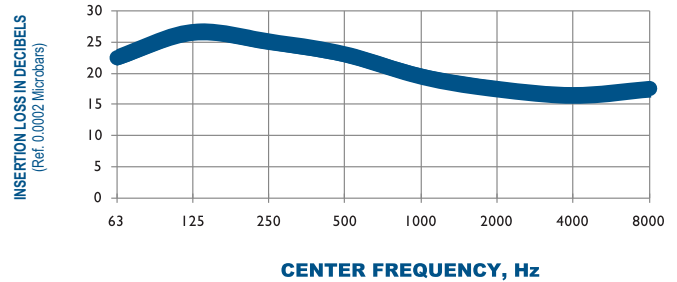
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A202-4100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F Min	F Max	G Flange Center	WT
SIZES 6" AND BELOW COME STANDARD WITH ID CUFF / OD TUBE CONNECTIONS								
A202-41015	1.5	6	30	27	3	9	5	13
A202-4102	2	6	36	33	3	12	6	15
A202-41025	2.5	8	42	39	4	14	7	24
A202-4103	3	8	42	39	4	11	7	24
A202-41035	3.5	10	46	43	5	15	8	34
A202-4104	4	10	46	43	5	15	8	34
A202-4105	5	10	54	51	6	18	9	39
A202-4106	6	12	54	51	6	18	9	48
SIZES 8" AND ABOVE COME STANDARD WITH ANSI PATTERN FLANGED CONNECTIONS								
A202-4108	8	18	61	57	8	17	13	133
A202-4110	10	22	74	71	12	21	15	199
A202-4112	12	26	75	72	13	20	17	332
A202-4114	14	30	100	97	15	31	19	444
A202-4116	16	36	114	111	17	41	22	616
A202-4118	18	36	126	123	18	41	22	783
A202-4120	20	42	139	136	20	45	25	1070
A202-4122	22	48	141	138	22	43	29	1255
A202-4124	24	54	142	139	24	40	31	1482

All spatial dimensions are in inches. Inlet sizes available up to 30 inches. Additional connections available. See silencer price book for breakdown of A200 part number. F MAX is for inlet only. All weights are in pounds. All weights are approximate. Use diameter to find bracket sizes. Example: A202-4108 (18" dia) would require 3ACI-28-1800 brackets (or similar 29 brackets).

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CRITICAL GRADE SPARK ARRESTOR

25 to 35 dBA Noise Reduction

A202-5100

APPLICATION

A spark arresting silencer for use on exhaust of internal combustion engines where fire hazards exist. Excellent for applications where ambient noise levels are low and a high level of attenuation is required. Centrifugal force separates solids from the exhaust gas stream. Solids are then deposited in easily accessible cleanouts.

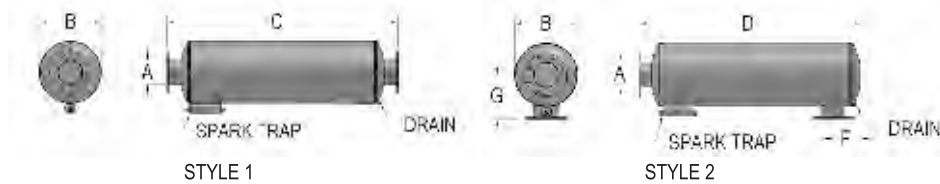
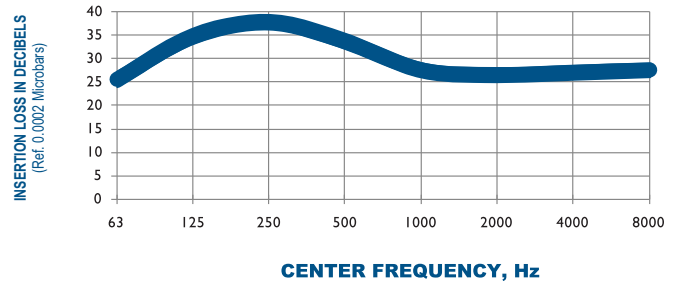
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A202-5100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F Min	F Max	G Flange Center	WT
SIZES 6" AND BELOW COME STANDARD WITH ID CUFF / OD TUBE CONNECTIONS								
A202-5104	4	12	55	52	6	21	10	70
A202-5105	5	14	61	57	7	23	11	95
A202-5106	6	16	73	70	8	29	12	134
SIZES 8" AND ABOVE COME STANDARD WITH ANSI PATTERN FLANGED CONNECTIONS								
A202-5108	8	20	75	71	9	29	14	222
A202-5110	10	24	99	95	11	42	16	368
A202-5112	12	28	100	97	12	41	18	520
A202-5114	14	30	136	133	14	61	19	814
A202-5116	16	36	139	136	16	60	22	993
A202-5118	18	42	141	138	18	59	26	1176
A202-5120	20	42	164	161	19	72	26	1391
A202-5122	22	48	164	161	20	72	29	1702
A202-5124	24	54	166	163	23	71	32	1950

All spatial dimensions are in inches. Inlet sizes available up to 30 inches.
 Additional connections available. See silencer price book for breakdown of A200 part number.
 F MAX is for inlet only. All weights are in pounds. All weights are approximate.
 Use diameter to find bracket sizes. Example: A202-5108 (20" dia) would require 3ACI-28-2000 brackets (or similar 29 brackets).

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SUPER CRITICAL GRADE SPARK ARRESTOR

32 to 42 dBA Noise Reduction

A202-6100

APPLICATION

A spark arresting silencer for use on exhaust of internal combustion engines where fire hazards exist. Excellent for applications where ambient noise levels are very low and an optimal level of attenuation is required. Centrifugal force separates solids from the exhaust gas stream. Solids are then deposited in easily accessible cleanouts.

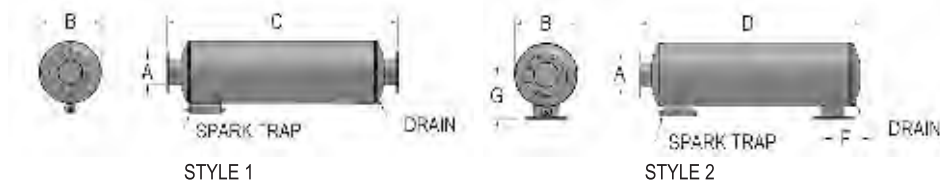
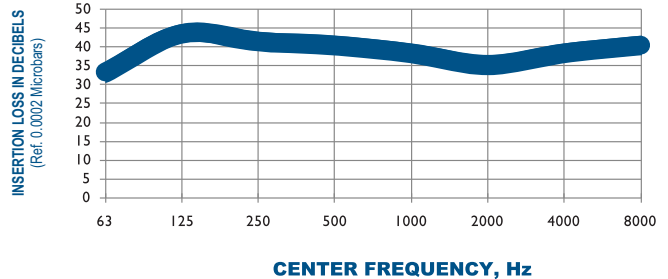
CONSTRUCTION

Sizes 6" and below come standard with ID Cuff / OD Tube connections. Sizes 8" and above come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A202-6100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F Min	F Max	G Flange Center	WT
SIZES 6" AND BELOW COME STANDARD WITH ID CUFF / OD TUBE CONNECTIONS								
A202-6102	2	10	30	27	4	8	8	36
A202-61025	2.5	10	42	39	5	15	8	49
A202-6103	3	12	43	40	5	15	9	61
A202-61035	3.5	14	55	52	6	21	10	95
A202-6104	4	14	55	52	6	21	11	95
A202-6105	5	16	62	58	7	23	12	121
A202-6106	6	20	75	71	8	30	14	187
SIZES 8" AND ABOVE COME STANDARD WITH ANSI PATTERN FLANGED CONNECTIONS								
A202-6108	8	24	76	72	10	30	16	286
A202-6110	10	28	100	96	11	42	18	505
A202-6112	12	36	102	99	14	40	22	756
A202-6114	14	36	138	135	15	61	22	1027
A202-6116	16	42	140	137	16	60	25	1250
A202-6118	18	48	142	139	18	59	29	1695
A202-6120	20	48	165	162	19	72	29	1960
A202-6122	22	54	166	163	21	71	32	2248
A202-6124	24	60	167	164	23	70	35	3143

All spatial dimensions are in inches. Inlet sizes available up to 30 inches. Additional connections available. See silencer price book for breakdown of A200 part number. F MAX is for inlet only, H MAX is for outlet only. All weights are in pounds. All weights are approximate. Use diameter to find bracket sizes. Example: A202-6108 (24" dia) would require 3ACI-28-2400 brackets (or similar 29 brackets).

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INDUSTRIAL GRADE SILENCER

13 to 19 dBA Noise Reduction

201-1100

APPLICATION

A compact weather muffler for areas where high quality silencing is not required.

CONSTRUCTION

Constructed with carbon steel, the unique design allows rain entering the outlet to drain out the bottom without entering the manifold. Contact factory for details.

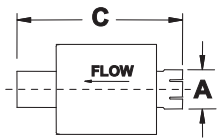
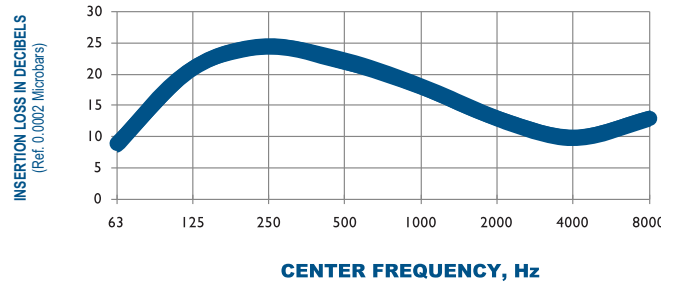
FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

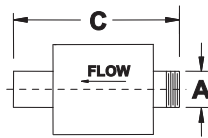
CONNECTION OPTIONS

- C = Cuffed connection
- N = Threaded connection
- F = Flanged connection
- T = Tube connection

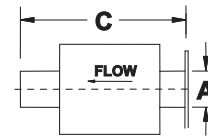
TYPICAL ATTENUATION CURVE 201-1100
OCTAVE BAND



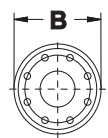
CUFFED STYLE = CT



NATIONAL PIPE THREAD
(NPT) STYLE = NT



FLANGED STYLE = FT



Part Number	A Inlet Size	B Diameter	C OAL	WT
201-11015	1.5	5	11	12
201-1102	2	6	12	13
201-11025	2.5	8	13.5	16
201-1103	3	8	16	16
201-11035	3.5	10	17	19
201-1104	4	10	19	22
201-1105	5	10	21	24
201-1106	6	12	23	27
201-1108	8	16	28	45

All spatial dimensions are in inches.

Additional connections available.

Place connection between family and model. Example: 201-NT-11035; 201-CT-1104.

All weights are in pounds. All weights are approximate.

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INDUSTRIAL GRADE SPARK ARRESTOR

3 to 5 dBA Noise Reduction

202-1100

APPLICATION

A highly efficient spark arrestor that utilizes centrifugal force to separate the solids from the exhaust gas. Ideal for both stationary and mobile applications.

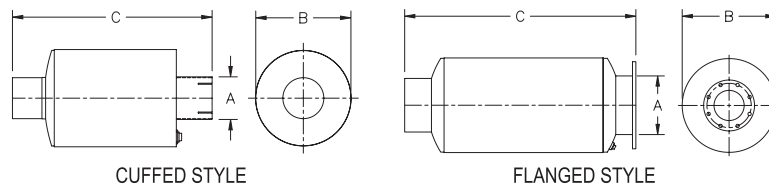
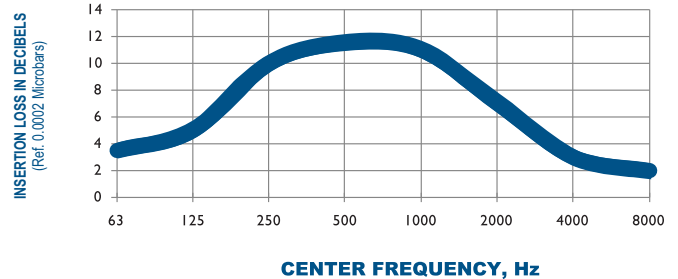
CONSTRUCTION

Features all welded construction. Sizes 1.5" - 6" have aluminized steel shell and heads with internal stainless steel critical parts. Sizes 8" and above are constructed of carbon steel. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details. Models 1.5" through 6" aluminized have been tested by the U.S. Forestry Service and have an efficiency rating of 95% or greater.

TYPICAL ATTENUATION CURVE 202-1100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	Outlet (ID/OD)
CUFFED INLET / ID TUBE OUTLET STANDARD				
202-11015	1.5	6	9.5	ID
202-1102	2	6	11.1	ID
202-11025	2.5	6.3	13	ID
202-1103	3	7	14.6	ID
202-11035	3.5	7	16.5	ID
202-1104	4	8	18.1	ID
202-1105	5	9	20.8	ID
202-1106	6	10	23.5	ID
FLANGED INLET / OD OUTLET STANDARD				
202-1108	8	14	35.5	OD
202-1110	10	16	41.5	OD
202-1112	12	18	48	OD
202-1114	14	20	54	OD
202-1116	16	22	60	OD
202-1118	18	24	66	OD
202-1120	20	26	72	OD
202-1122	22	28	78	OD
202-1124	24	30	84	OD

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

Use diameter to find bracket sizes. Example: 202-1108 (14" dia) would require 3ACI-28-1400 brackets (or similar 29 brackets).

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COMMERCIAL GRADE TURBO SILENCER

14 to 20 dBA Noise Reduction

A203-2100

APPLICATION

A commercial grade silencer configured for use on turbo-charged engines where low pressure drop is critical. Suited for environments where ambient noise levels are relatively high.

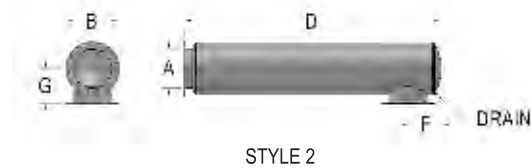
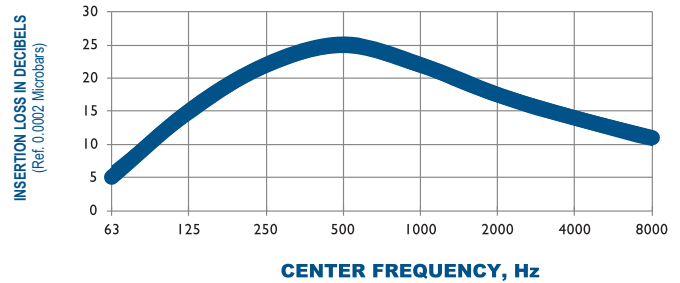
CONSTRUCTION

Line of sight absorption silencer with acoustical fiberglass internal packing and steel construction. Standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A203-2100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F DIM - Style 2	G Flange-Center	WT Style 1
A203-2104	4	8	36	40	4	7	33
A203-2105	5	8	48	52	5	7	44
A203-2106	6	8	60	64	5	7	55
A203-2108	8	12	66	80	7	10	90
A203-2110	10	14	70	81	8	11	128
A203-2112	12	16	70	81	10	12	160
A203-2114	14	18	88	98	11	13	218
A203-2116	16	22	108	118	12	15	324
A203-2118	18	24	108	119	13	16	352
A203-2120	20	26	132	155	15	17	544
A203-2122	22	28	136	155	17	18	600
A203-2124	24	30	196	218	18	19	1157

All spatial dimensions are in inches. Inlet sizes available up to 30. inches. Additional connections available.

All weights are in pounds. All weights are approximate.

3ACI-28-1200 brackets (or similar 29 brackets). Use diameter to find bracket sizes. Example: A203-2108 (12" dia) would require For style 2 weights, consult factory.

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RESIDENTIAL GRADE TURBO SILENCER

20 to 25 dBA Noise Reduction

A203-4100

APPLICATION

A residential grade silencer configured for use on turbo charged engines where low pressure drop is critical. Suited for environments where ambient noise levels are moderate.

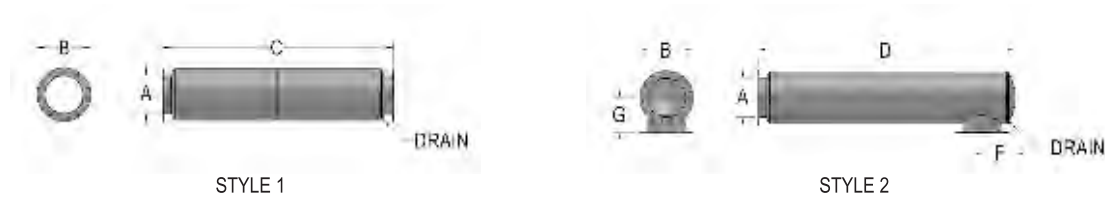
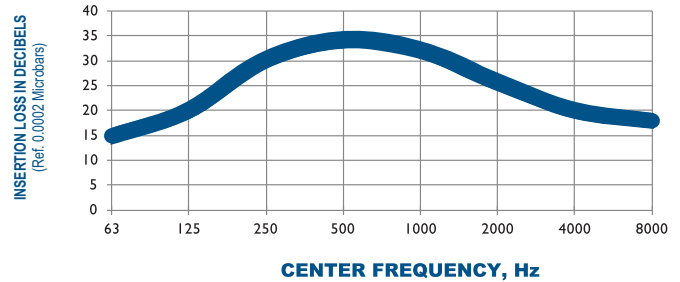
CONSTRUCTION

Line of sight silencer with acoustical fiberglass internal packing and steel construction. Sizes 3.5" and smaller come standard with Male NPT connections. Sizes 4" and higher come standard with ANSI pattern flanged connections. Additional connections available, consult Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE A203-4100
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F DIM - Style 2	G Flange-Center	WT Style 1
A203-4102	2	6	28	30	3	6	13
A203-41025	2.5	6	30	32	3	6	15
A203-4103	3	6	36	34	3	6	20
A203-41035	3.5	8	40	44	4	7	28
A203-4104	4	8	54	59	5	7	45
A203-4105	5	8	54	62	5	7	49
A203-4106	6	10	67	73	5	8	68
A203-4108	8	12	78	90	7	10	116
A203-4110	10	14	82	91	10	11	149
A203-4112	12	20	89	106	11	14	293
A203-4114	14	24	110	128	12	16	480
A203-4116	16	24	132	151	14	16	595
A203-4118	18	30	185	219	15	19	1341
A203-4120	20	36	200	227	19	22	1713
A203-4122	22	42	200	227	21	25	2025
A203-4124	24	45	261	295	22	27	2826

Sizes 3.5" and below come standard with Male NPT connections. Sizes 4" and above come standard with ANSI pattern flanged connections.
 All spatial dimensions are in inches. Inlet sizes available up to 30 inches.
 Additional connections available.
 All weights are in pounds. All weights are approximate.
 Use diameter to find bracket sizes. Example: A203-4108 (12" dia) would require 3ACI-28-1200 brackets (or similar 29 brackets).
 For style 2 weights, consult factory.

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RESIDENTIAL GRADE ANNULAR FLOW SILENCER

A205-5100

APPLICATION

Capable of servicing through a variety of applications from 500 hp - 5000 hp, or a mass flow of 2.5 - 65 lbs/sec. Approximate capacities are based on average gas velocity through silencer of approximately 10,000 ft/min, and will vary depending on pressure drop criteria. Horizontal application is typical, contact factory for vertical applications.

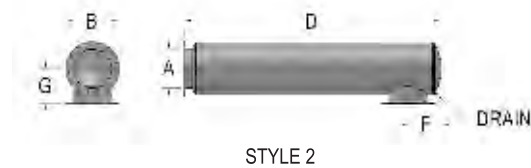
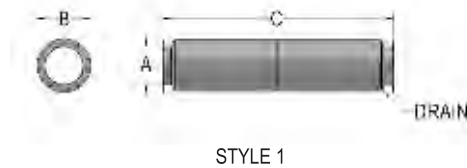
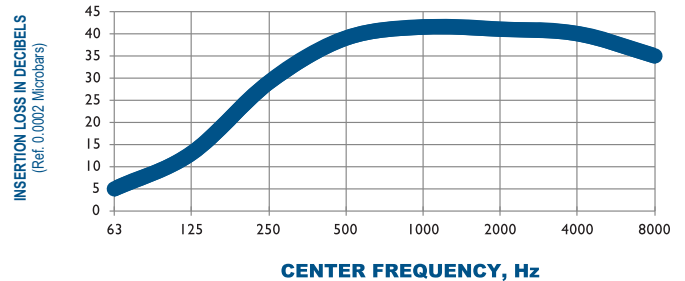
CONSTRUCTION

Internals consist of special acoustical fiberglass packing adjacent to concentric perforated cylinders - creating an annular flow passage design. All steel construction and additional connections available when required. Standard with pattern flanged connections, consult with Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

**TYPICAL ATTENUATION CURVE A205-5100
OCTAVE BAND**



Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F DIM - Style 2	G Flange-Center	WT*
A205-5110	10	18	56	70	12	13	195
A205-5112	12	22	60	71	11	15	258
A205-5114	14	24	66	83	13	16	312
A205-5116	16	26	80	92	14	17	473
A205-5118	18	30	91	109	18	19	627
A205-5120	20	30	103	126	20	19	712
A205-5122	22	36	110	126	18	22	885
A205-5124	24	36	115	136	24	22	959
A205-5126	26	42	129	153	22	25	1284
A205-5128	28	45	141	174	26	27	1643
A205-5130	30	45	144	174	26	27	1711

All sizes come standard with ANSI pattern flanges.

*Weights are for style 1. For style 2 weights, consult factory.

All spatial dimensions are in inches.

Additional connections available.

All weight are in pounds. All weight are approximate.

Use diameter to find bracket sizes. Example: A205-5118 (30" dia) would require 3ACI-28-3000 brackets (or similar 29 brackets).

See silencer pricebook for breakdown of A200 part number.

For specific sound application, contact factory.

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CRITICAL GRADE ANNULAR FLOW SILENCER

A205-6100

APPLICATION

Capable of servicing through a variety of applications from 500 hp - 5000 hp, or a mass flow of 2.5 - 65 lbs/sec. Approximate capacities are based on average gas velocity through silencer of approximately 10,000 ft/min, and will vary depending on pressure drop criteria. Horizontal application is typical, contact factory for vertical applications.

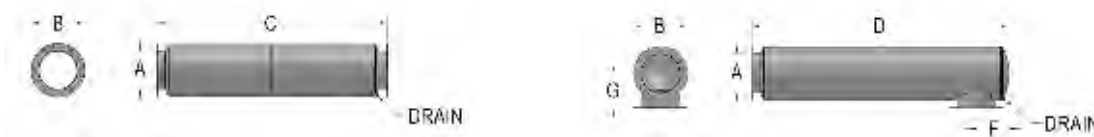
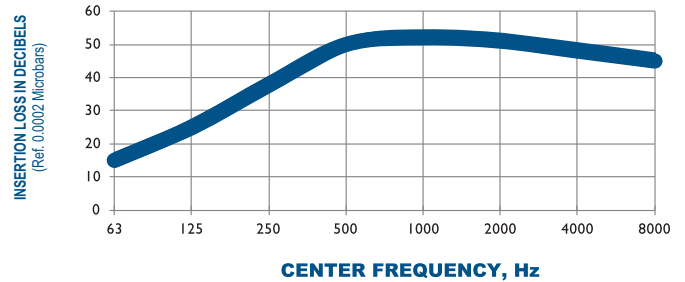
CONSTRUCTION

Internals consist of special acoustical fiberglass packing adjacent to concentric perforated cylinders - creating an annular flow passage design. All steel construction and additional connections available when required. Standard with pattern flanged connections, consult with Product Specialist for details.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

**TYPICAL ATTENUATION CURVE A205-6100
OCTAVE BAND**



STYLE 1

STYLE 2

Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F DIM - Style 2	G Flange-Center	WT*
A205-6104	4	12	54	56	6	9	101
A205-6105	5	14	56	62	6	10	119
A205-6106	6	14	56	62	7	10	137
A205-6108	8	16	60	70	8	12	173
A205-6110	10	18	68	77	10	13	221
A205-6112	12	22	80	95	12	15	325
A205-6114	14	24	96	106	14	16	448
A205-6116	16	26	104	115	14	17	545
A205-6118	18	30	114	132	17	19	769
A205-6120	20	30	126	154	18	19	847
A205-6122	22	36	140	159	19	22	1083
A205-6124	24	36	158	184	24	22	1240
A205-6126	26	36	168	189	22	22	1319
A205-6128	28	45	176	210	24	27	1992
A205-6130	30	45	188	221	26	27	2160

All sizes come standard with ANSI pattern flanges.

*Weights are for style 1. Allow for additional weight with style 2.

All spatial dimensions are in inches.

Additional connections available.

All weight are in pounds. All weight are approximate.

Use diameter to find bracket sizes. Example: A205-6118 (30" dia) would require 3ACI-28-3000 brackets (or similar 29 brackets).

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RESIDENTIAL & CRITICAL GRADE INTAKE SILENCER

205-5500 / 6500

Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F DIM - Style 2	G Flange-Center	WT Style 1
205-5510	10	18	56	70	12	13	195
205-5512	12	22	60	71	11	15	258
205-5514	14	24	66	83	13	16	312
205-5516	16	26	80	92	14	17	473
205-5518	18	30	91	109	18	19	627
205-5520	20	30	103	126	20	19	712
205-5522	22	36	110	126	18	22	885
205-5524	24	36	115	136	24	22	959
205-5526	26	42	129	153	22	25	1284
205-5528	28	45	141	174	26	27	1643
205-5530	30	45	144	174	26	27	1711

Part Number	A Inlet Size	B Diameter	C OAL - Style 1	D OAL - Style 2	F DIM - Style 2	G Flange-Center	WT Style 1
205-6504	4	12	54	56	6	9	101
205-6505	5	14	56	62	6	10	119
205-6506	6	14	56	62	7	10	137
205-6508	8	16	60	70	8	12	173
205-6510	10	18	68	77	10	13	221
205-6512	12	22	80	95	12	15	325
205-6514	14	24	96	106	14	16	448
205-6516	16	26	104	115	14	17	545
205-6518	18	30	114	132	17	19	769
205-6520	20	30	126	154	18	19	847
205-6522	22	36	140	159	19	22	1083
205-6524	24	36	158	184	24	22	1240
205-6526	26	36	168	189	22	22	1319
205-6528	28	45	176	210	24	27	1992
205-6530	30	45	188	221	26	27	2160

Intake silencers contain 100% stainless steel internals, with a carbon steel exterior.
For additional exterior options available, please contact factory.

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RESIDENTIAL GRADE COMPACT SILENCER

15 to 20 dBA Noise Reduction

301-4100

APPLICATION

Advanced design provides residential grade performance in a space saving compact size. Ideal for use where ambient noise levels are moderate. Excellent for use inside enclosures and marine applications.

CONSTRUCTION

Standard with ID Cuff / OD Tube connections. All steel construction and additional connections available when required. Consult with Product Specialist for details.

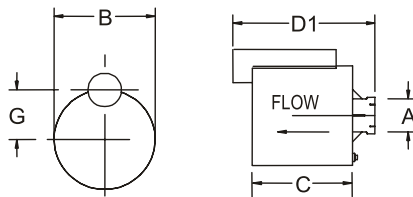
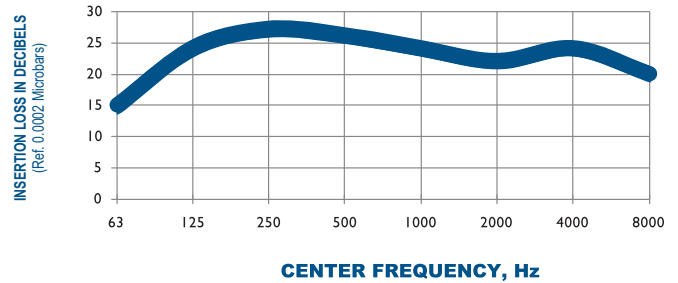
FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

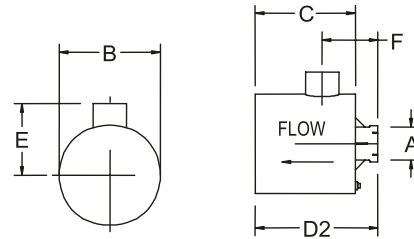
CONNECTION OPTIONS

- C = Cuffed connection
- N = Threaded connection
- F = Flanged connection
- T = Tube connection

TYPICAL ATTENUATION CURVE 301-4100
OCTAVE BAND



Style 1



Style 2

Part Number	A Inlet Size	B Body Diameter	C Body Length	D1 OAL	D2 OAL	E	F	G	WT
301-CT-4102	2	7	7.5	13.5	10.5	6.5	8.5	3.5	12
301-CT-41025	2.5	8	8	14	11	7	8.5	4	16
301-CT-4103	3	9	9	15	12	7.5	9.5	4.5	20
301-CT-41035	3.5	11	11	17	14	8.5	11	5.5	29
301-CT-4104	4	12	13	19	16	9	13	7	35
301-CT-4105	5	14	14	20	17	10	13.5	7	45
301-CT-4106	6	16	18	26	22	12	18	8	73
301-CT-4108	8	20	22	30	26	14	21	10	110

All spatial dimensions are in inches.

All weights are in pounds. All weights are approximate.

Place connection between family and model. Example: 301-TT-4103; 301-FT-4104

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CRITICAL GRADE COMPACT SILENCER

20 to 25 dBA Noise Reduction

301-5100

APPLICATION

Advanced design provides critical grade performance in a space saving compact size. Ideal for use where ambient noise levels are moderate. Excellent for use inside enclosures and marine applications.

CONSTRUCTION

Standard with flanged connections. All steel construction and additional connections available when required. Consult with Product Specialist for details.

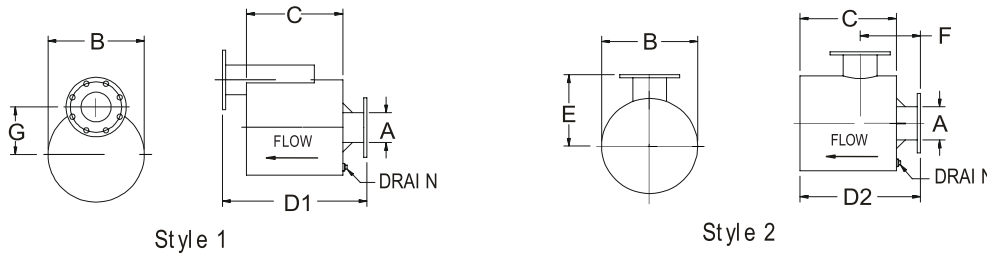
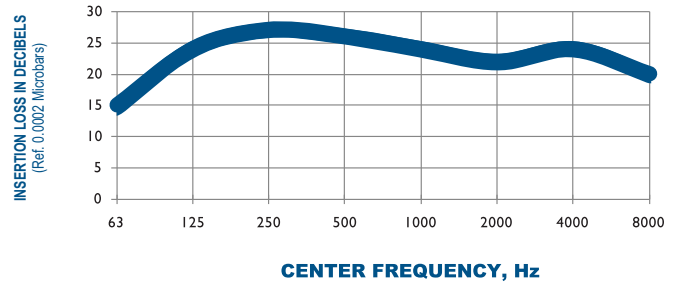
FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

CONNECTION OPTIONS

- C = Cuffed connection
- N = Threaded connection
- F = Flanged connection
- T = Tube connection

TYPICAL ATTENUATION CURVE 301-5100
OCTAVE BAND



Part Number	A Inlet Size	B Body Diameter	C Body Length	D1 OAL	D2	E	F	G	WT
301-FF-5102	2	8	8	14	11	7	6	4	17
301-FF-51025	2.5	9	9	15	12	7.5	6	4.5	24
301-FF-5103	3	10	10	16	13	8	7	5	29
301-FF-51035	3.5	12	12	20	16	10	8	6	40
301-FF-5104	4	12	14	22	18	10	8	6	55
301-FF-5105	5	16	16	24	20	12	10	8	97
301-FF-5106	6	18	18	26	22	13	10	9	137
301-FF-5108	8	22	24	32	28	14	12	12	182
301-FF-5110	10	28	32	40	36	18	12	14	330
301-FF-5112	12	32	36	44	40	20	14	17.5	432
301-FF-5114	14	34	36	44	40	21	14	20	510

All spatial dimensions are in inches.
All weights are in pounds. All weights are approximate.
Place connection between family and model. Example: 301-TT-5103; 301-FT-5104

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EXTRA CRITICAL GRADE COMPACT SILENCER

23 to 28 dBA Noise Reduction

301-6100

APPLICATION

Advanced design provides extra critical grade performance in a space saving compact size. Ideal for use where ambient noise levels are moderate. Excellent for use inside enclosures and marine applications.

CONSTRUCTION

Standard with flanged connections. All steel construction and additional connections available when required. Consult with Product Specialist for details.

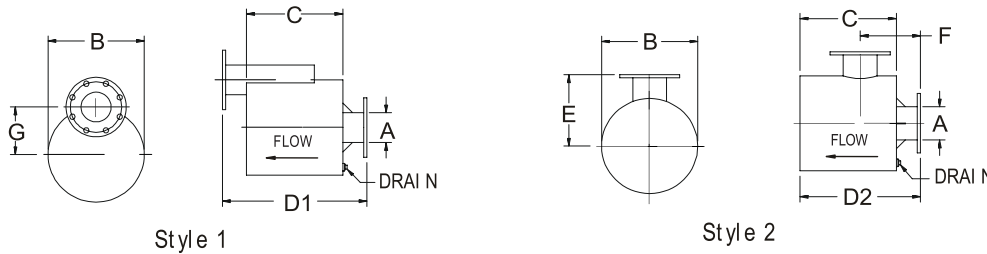
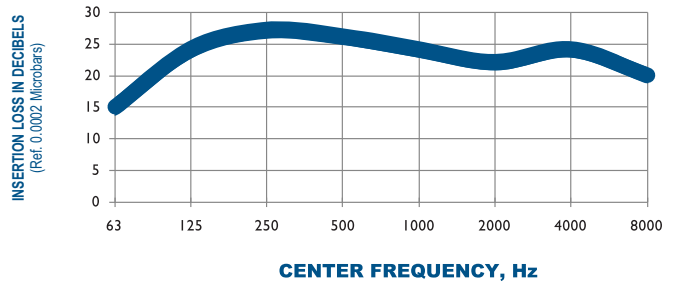
FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

CONNECTION OPTIONS

- C = Cuffed connection
- N = Threaded connection
- F = Flanged connection
- T = Tube connection

TYPICAL ATTENUATION CURVE 301-6100
OCTAVE BAND



Part Number	A Inlet Size	B Body Diameter	C Body Length	D1 OAL	D2 OAL	E	F	G	WT
301-FF-6102	2	10	10	16	13	8	10	5	30
301-FF-61025	2.5	11	10	16	13	8	10	5.5	34
301-FF-6103	3	12	12	18	15	9	11	6	43
301-FF-61035	3.5	14	14	22	18	10.5	14	7	57
301-FF-6104	4	16	14	22	18	11	14	8	72
301-FF-6105	5	18	18	26	22	13	16	9	119
301-FF-6106	6	20	20	28	24	14	18	10	154
301-FF-6108	8	26	26	34	30	17	22	13	258
301-FF-6110	10	32	36	44	40	20	30	16	432
301-FF-6112	12	36	40	48	44	22	34	18	595
301-FF-6114	14	38	42	50	46	23	34	19	680

All spatial dimensions are in inches.
All weights are in pounds. All weights are approximate.
Place connection between family and model. Example: 301-TT-4103; 301-FT-4104

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RESIDENTIAL GRADE HARMONY™ DISK SILENCER

22 to 28 dBA Noise Reduction 1" Thermal Packing

H3-4 (H4-4)

APPLICATION

Harmony™ disk silencers feature improved insulation capabilities and advanced heat retention in a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

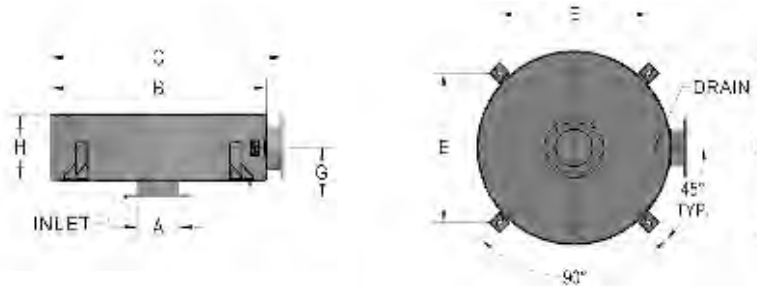
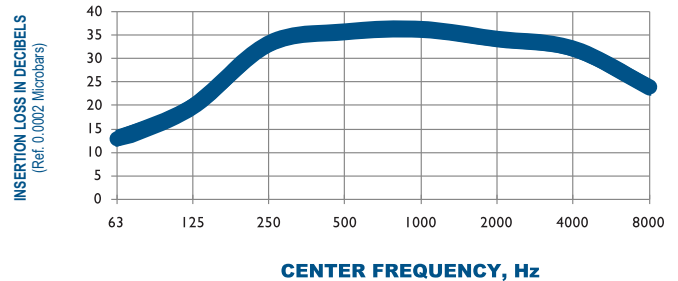
CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 1" thick packed shell provides a reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Comes with the option of top or bottom mounted brackets, or no brackets.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE H3-4
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
H3-4-4	4	22	26	17.83	7.5	7	103
H3-4-5	5	24	28	19.24	8	8	119
H3-4-6	6	28	32	22.07	8.25	8.5	147
H3-4-8	8	33	37	26.66	10.5	13	242
H3-4-10	10	41	45	32.32	10.5	13	329
H3-4-12	12	45	49	35.15	12.5	17	464
H3-4-14	14	52	56	40.1	13	18	539
H3-4-16	16	59	63	45.05	14.5	21	716
H3-4-18	18	65	69	49.29	15.5	23	825

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. H3-4-16-BOT).

H3- indicates single inlet; H4- indicate dual inlets.

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RESIDENTIAL GRADE HARMONY™ DISK SILENCER

20 to 26 dBA Noise Reduction No Thermal Packing

H5-4 (H6-4)

APPLICATION

Harmony™ disk silencers feature a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

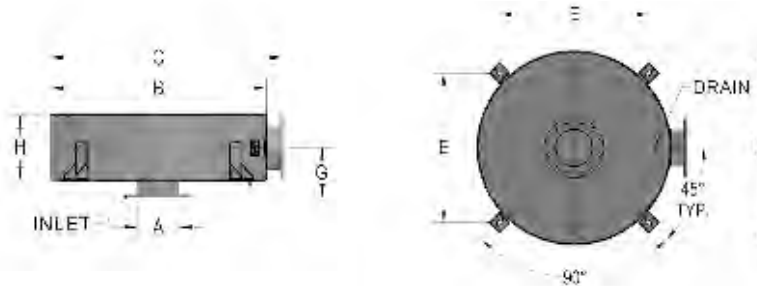
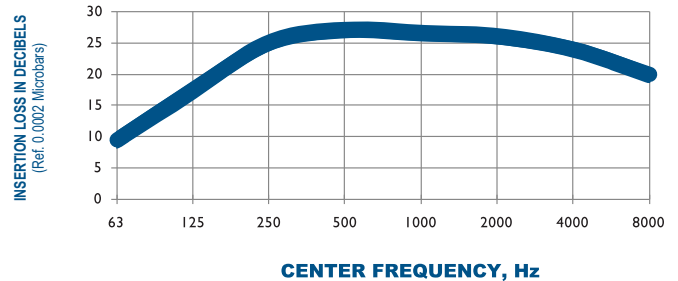
CONSTRUCTION

A residential grade low-profile disk silencer without internal insulation. The H5-4 is ideal for enclosures or restricted applications where heat loss is not a critical factor. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE H5-4
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
H5-4-4	4	20	24	16.41	7.5	7	92
H5-4-5	5	22	26	17.83	8	8	108
H5-4-6	6	24	28	19.24	9	10	122
H5-4-8	8	32	36	25.60	10	12	214
H5-4-10	10	37	41	29.49	11	14	275
H5-4-12	12	45	49	35.15	12	16	423
H5-4-14	14	52	56	40.10	13	18	491
H5-4-16	16	59	63	45.05	13.5	19	604
H5-4-18	18	61	65	46.63	16.5	25	817

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. H5-4-16-BOT).

H5- indicates single inlet; H6- indicate dual inlets.

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CRITICAL GRADE HARMONY™ DISK SILENCER

27 to 33 dBA Noise Reduction 2" Thermal Packing

H1-5 (H2-5)

APPLICATION

Harmony™ disk silencers feature improved insulation capabilities and advanced heat retention in a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

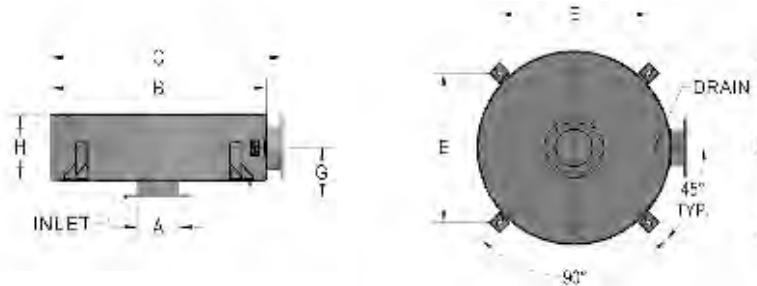
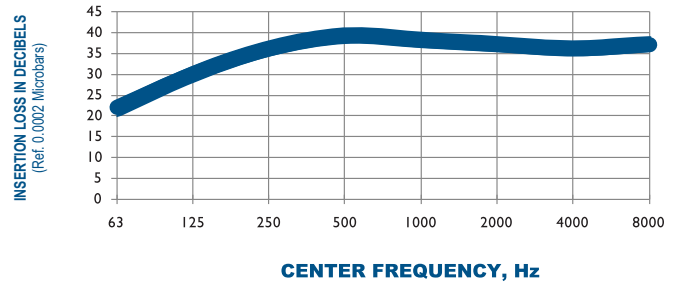
CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 2" thick packed shell provides a significant reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE H1-5
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
H1-5-4	4	28	32	22.07	8.5	9	141
H1-5-5	5	32	36	24.90	9	10	181
H1-5-6	6	33	37	25.60	10	12	203
H1-5-8	8	45	49	35.15	11	14	372
H1-5-10	10	52	56	40.10	12	16	554
H1-5-12	12	59	63	45.05	13	18	694
H1-5-14	14	65	69	49.29	15.5	23	898
H1-5-16	16	70	74	52.83	16.5	25	938
H1-5-18	18	84	88	62.73	17.5	27	1359

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. H1-5-16-BOT).

H1- indicates single inlet; H2- indicate dual inlets.

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CRITICAL GRADE HARMONY™ DISK SILENCER

25 to 31 dBA Noise Reduction 1" Thermal Packing

H3-5 (H4-5)

APPLICATION

Harmony™ disk silencers feature improved insulation capabilities and advanced heat retention in a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

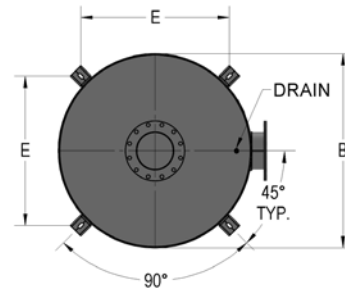
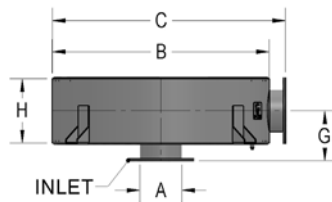
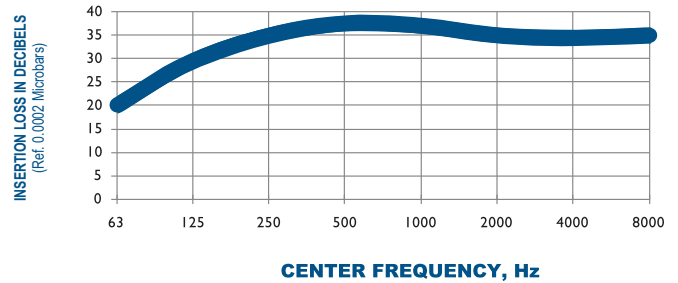
CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 1" thick packed shell provides a reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE H3-5
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
H3-5-4	4	28	32	22.07	7.5	7	134
H3-5-5	5	28	32	22.07	9	10	156
H3-5-6	6	33	37	25.60	9	10	201
H3-5-8	8	45	49	35.15	10	12	371
H3-5-10	10	52	56	40.10	11	14	491
H3-5-12	12	59	63	45.05	12.5	17	631
H3-5-14	14	65	69	49.29	14	20	779
H3-5-16	16	74	78	55.66	15.5	23	1033
H3-5-18	18	84	88	62.73	16.5	25	1283

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. H3-5-16-BOT).

H3- indicates single inlet; H4- indicate dual inlets.

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CRITICAL GRADE HARMONY™ DISK SILENCER

24 to 30 dBA Noise Reduction No Thermal Packing

H5-5 (H6-5)

APPLICATION

Harmony™ disk silencers feature a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

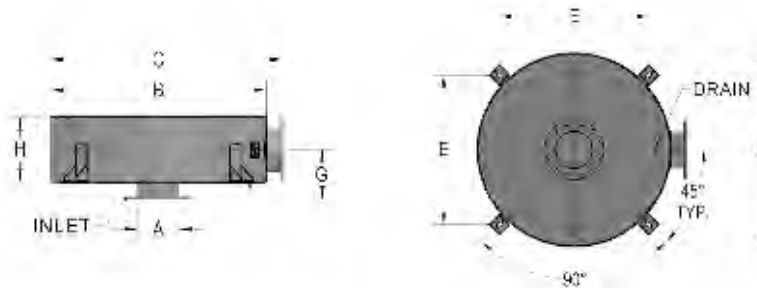
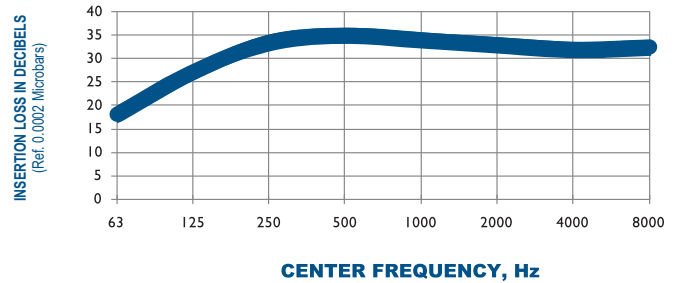
CONSTRUCTION

A critical grade low-profile disk silencer without internal insulation. The H5-5 is ideal for enclosures or restricted applications where heat loss is not a critical factor. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE H5-5
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
H5-5-4	4	28	32	22.07	7	6	123
H5-5-5	5	28	32	22.07	8	8	139
H5-5-6	6	32	36	24.90	8.5	9	173
H5-5-8	8	45	49	35.15	9.5	11	328
H5-5-10	10	52	56	40.10	10.5	13	434
H5-5-12	12	59	63	45.05	12	16	574
H5-5-14	14	65	69	49.29	14	20	725
H5-5-16	16	74	78	55.66	14.5	21	914
H5-5-18	18	84	88	62.73	15.5	23	1136

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. H5-5-16-BOT).

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SUPER CRITICAL GRADE HARMONY™ DISK SILENCER

34 to 40 dBA Noise Reduction 2" Thermal Packing

H1-6 (H2-6)

APPLICATION

Harmony™ disk silencers feature improved insulation capabilities and advanced heat retention in a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

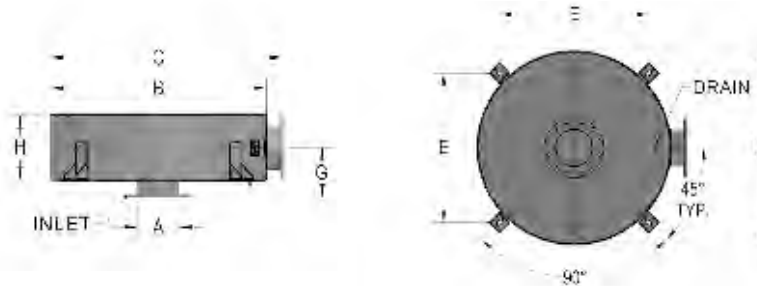
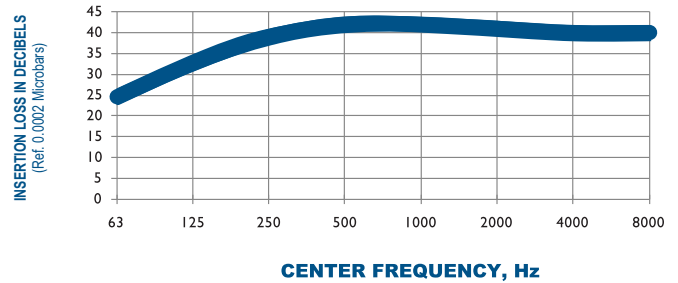
CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 2" thick packed shell provides a significant reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE H1-6
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
H1-6-4	4	32	36	24.90	9	10	175
H1-6-5	5	33	37	25.60	10	12	201
H1-6-6	6	45	49	35.15	11	14	342
H1-6-8	8	52	56	40.10	12	16	528
H1-6-10	10	59	63	45.05	13	18	680
H1-6-12	12	70	74	52.83	13	18	907
H1-6-14	14	74	78	55.66	16.5	25	997
H1-6-16	16	74	78	55.66	18	28	1083
H1-6-18	18	84	88	62.73	19	30	1623

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. H1-6-16-BOT).

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SUPER CRITICAL GRADE HARMONY™ DISK SILENCER

33 to 38 dBA Noise Reduction 1" Thermal Packing

H3-6 (H4-6)

APPLICATION

Harmony™ disk silencers feature improved insulation capabilities and advanced heat retention in a space-saving design. This low profile silencer provides extraordinary performance in a compact size, and is excellent in applications where size restriction is a critical factor.

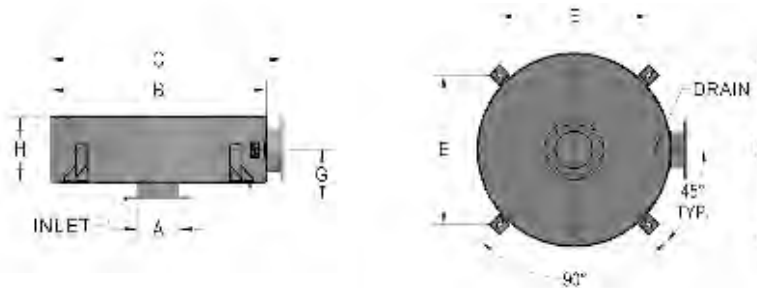
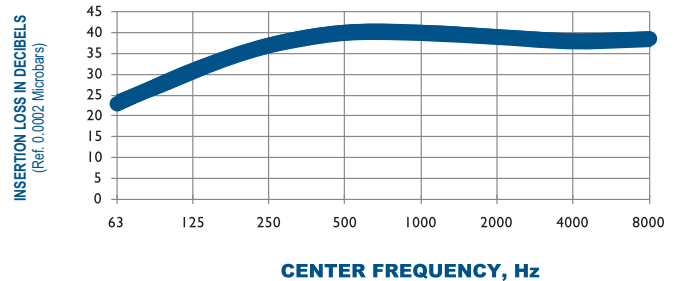
CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 1" thick packed shell provides a reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE H3-6
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
H3-6-4	4	32	36	24.90	8	8	171
H3-6-5	5	33	37	25.60	8	8	182
H3-6-6	6	37	41	28.43	9	10	232
H3-6-8	8	52	56	40.10	10	12	447
H3-6-10	10	59	63	45.05	11	14	577
H3-6-12	12	70	74	52.83	12	16	811
H3-6-14	14	70	74	52.83	15	22	913
H3-6-16	16	74	78	55.66	17	26	1079
H3-6-18	18	84	88	62.73	18	28	1343

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. H3-6-16-BOT).

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RESIDENTIAL GRADE HARMONY™ SPARK ARRESTOR

19 to 25 dBA Noise Reduction 1" Thermal Packing

H9-4

APPLICATION

Space conserving, spark arresting silencer designed for use on exhausts of internal combustion engines where fire hazards exist. Centrifugal force separates solids from the exhaust gas stream. Solids are then deposited in an easily accessible cleanout. The low profile design is ideal for engine enclosures, trailers, marine or any application in which overall height and / or low radiated heat is critical.

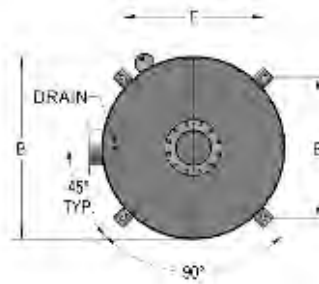
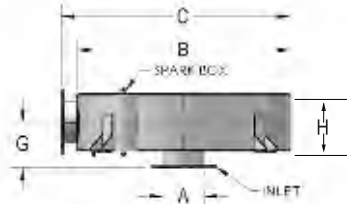
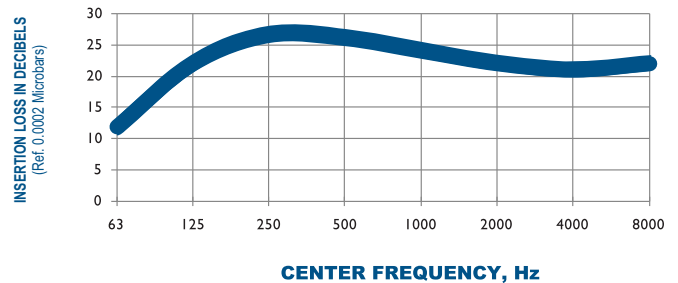
CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE H9-4
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
H9-4-4	4	22	26	17.83	7.5	7	105
H9-4-5	5	24	28	19.24	8	8	121
H9-4-6	6	28	32	22.07	8.25	8.5	149
H9-4-8	8	33	37	26.66	10	12	239
H9-4-10	10	41	45	32.32	10.5	13	335
H9-4-12	12	45	49	35.15	12.5	17	475
H9-4-14	14	52	56	40.10	13	18	550
H9-4-16	16	59	63	45.05	14.5	21	728
H9-4-18	18	65	69	49.29	15.5	23	838

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. H9-4-16-BOT).

Only available in style 2.

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CRITICAL GRADE HARMONY™ SPARK ARRESTOR

22 to 28 dBA Noise Reduction 1" Thermal Packing

H9-5

APPLICATION

Space conserving, spark arresting silencer designed for use on exhausts of internal combustion engines where fire hazards exist. Centrifugal force separates solids from the exhaust gas stream. Solids are then deposited in an easily accessible cleanout. The low profile design is ideal for engine enclosures, trailers, marine or any application in which overall height and / or low radiated heat is critical.

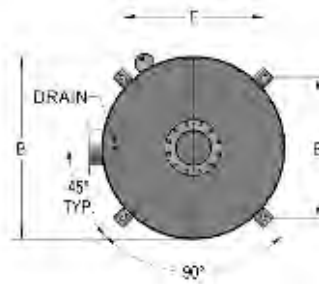
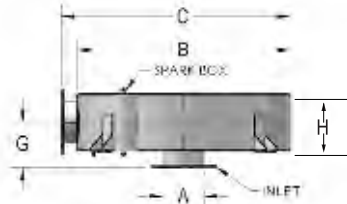
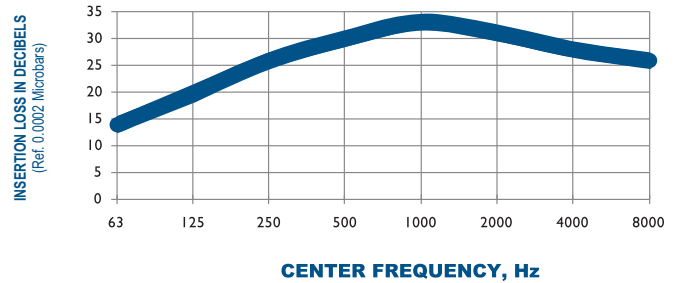
CONSTRUCTION

Includes a compressed thermal / acoustical fiberglass packed shell. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Silencers also available in optional colors and stainless steel. Additional connections, as well as flush mounted inlets, are available. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE H9-5
OCTAVE BAND



Part Number	A Inlet Size	B Diameter	C OAL	E	G	H	WT
H9-5-4	4	28	32	22.07	7.5	7	139
H9-5-5	5	28	32	22.07	9	10	163
H9-5-6	6	33	37	25.60	9	10	208
H9-5-8	8	45	49	35.15	9.5	11	362
H9-5-10	10	52	56	40.10	11	14	507
H9-5-12	12	59	63	45.05	12.5	17	657
H9-5-14	14	65	69	49.29	14	20	809
H9-5-16	16	74	78	55.66	15.5	23	1072
H9-5-18	18	84	88	62.73	16.5	25	1330

All spatial dimensions are in inches.

Additional connections available.

All weights are in pounds. All weights are approximate.

For bracket options add BOT for bottom brackets, TOP for top brackets or NB for no brackets to end of part number (e.g. H9-5-16-BOT).

Only available in style 2.

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CRITICAL GRADE SLIM LINE SILENCER

35 to 42 dBA Noise Reduction 2" Thermal Packing

501-C2-5100

APPLICATION

Space saving design specifically engineered to provide critical attenuation in a space saving design. For applications where ambient noise levels are relatively low. Excellent for use in enclosures, trailers, marine or any application where space is extremely restricted.

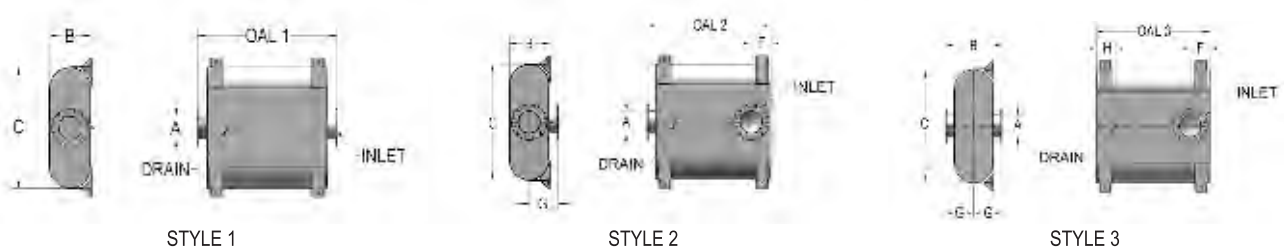
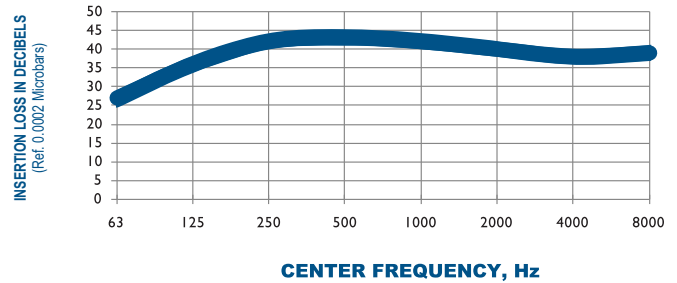
CONSTRUCTION

Features compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 2" thick packed shell provides a significant reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Flanged inlet and outlet standard. Silencers also available in optional colors and stainless steel. Additional connections, as well as flush mounted inlets, are available. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE 501-C2-5100
OCTAVE BAND



Part Number	A Size	B Dia	C	OAL 1	OAL 2	OAL 3	F Min	F Max	G	H	WT
501-C2-5104	4	11	28	36	32	28	6	15	9.5	6	130
501-C2-5105	5	12	29	37	33	29	6.5	15	10	6.5	165
501-C2-5106	6	13	33	41	37	33	7	17	10.5	7	220
501-C2-5108	8	15	45	54	50	46	8	24	11.5	8	415
501-C2-5110	10	18	52	60	56	52	9	27	13	9	605
501-C2-5112	12	21	62	70	66	62	10	33	14.5	10	830
501-C2-5114	14	23	65	74	70	66	11	34	15.5	11	1005
501-C2-5116	16	25	74	83	79	75	12	39	16.5	12	1345
501-C2-5118	18	27	84	94	90	86	14	46	17.5	14	1700
501-C2-5120	20	30	88	98	94	90	15	47	19	15	2055

All spatial dimensions are in inches.
Additional options available, including leak testing and lifting lugs.
F Max is for inlet only.
All weights are in pounds. All weights are approximate.
For bracket options consult factory.

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CRITICAL GRADE SLIM LINE SILENCER

34 to 40 dBA Noise Reduction 1" Thermal Packing

501-C1-5100

APPLICATION

Space saving design specifically engineered to provide critical attenuation in a space saving design. For applications where ambient noise levels are relatively low. Excellent for use in enclosures, trailers, marine or any application where space is extremely restricted.

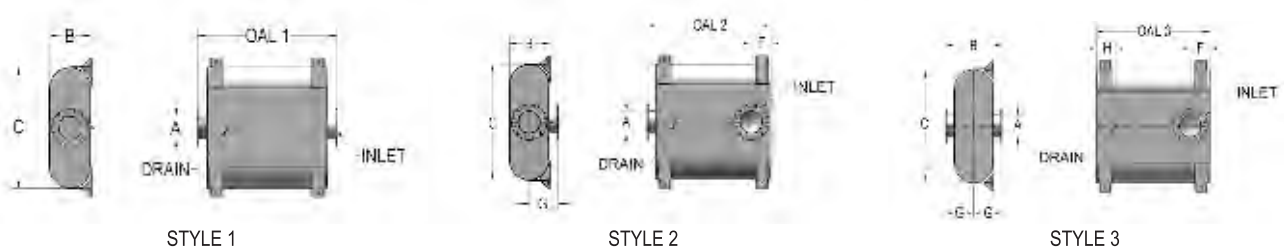
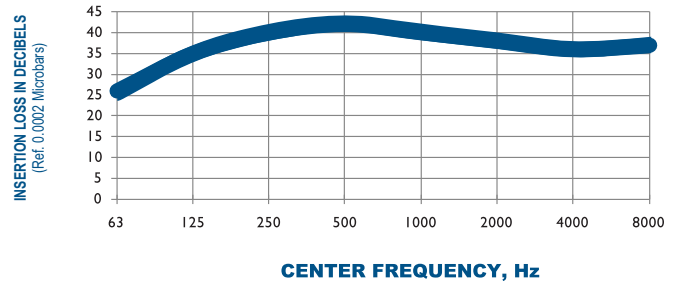
CONSTRUCTION

Features compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 1" thick packed shell provides a reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Flanged inlet and outlet standard. Silencers also available in optional colors and stainless steel. Additional connections, as well as flush mounted inlets, are available. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE 501-C1-5100
OCTAVE BAND



Part Number	A Size	B Dia	C	OAL 1	OAL 2	OAL 3	F Min	F Max	G	H	WT
501-C1-5104	4	9	26	34	30	26	5	14.5	8.5	5	119
501-C1-5105	5	10	27	35	31	27	5.5	14.5	9	5.5	152
501-C1-5106	6	11	31	39	35	31	6	16	9.5	6	206
501-C1-5108	8	13	43	52	48	44	7	23	10.5	7	385
501-C1-5110	10	16	50	58	54	50	8	26	12	8	559
501-C1-5112	12	19	60	68	64	60	9	32	13.5	9	771
501-C1-5114	14	21	63	72	68	64	10	34	14.5	10	929
501-C1-5116	16	23	72	81	77	73	11	38	15.5	11	1282
501-C1-5118	18	25	82	92	88	84	12	45	16.5	12	1576
501-C1-5120	20	28	86	96	92	88	14	46	18	14	1902

All spatial dimensions are in inches.
Additional options available, including leak testing and lifting lugs.
F Max is for inlet only.
All weights are in pounds. All weights are approximate.
For bracket options consult factory.

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CRITICAL GRADE SLIM LINE SILENCER

31 to 38 dBA Noise Reduction No Thermal Packing

501-5200

APPLICATION

Space saving design specifically engineered to provide a high degree of attenuation in a space saving design. For applications where ambient noise levels are relatively low. Excellent for use in enclosures, trailers, marine or any application where space is extremely restricted.

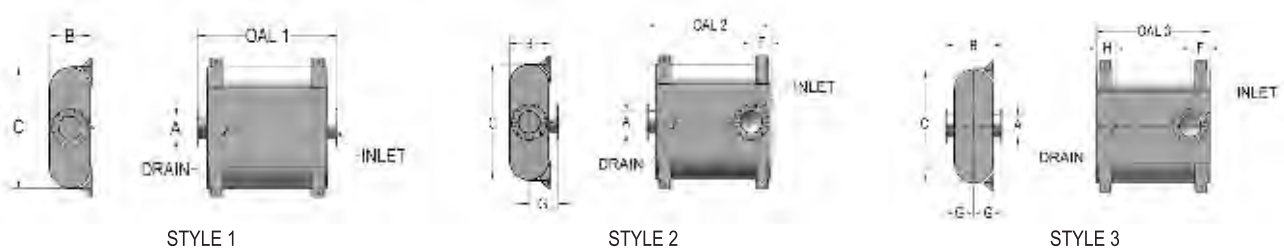
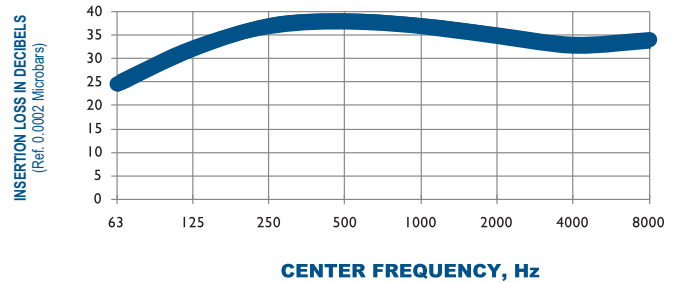
CONSTRUCTION

A critical grade slim line silencer without compressed internal packing. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Flanged inlet and outlet standard. Silencers also available in optional colors and stainless steel. Additional connections, as well as flush mounted inlets, are available. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE 501-5200
OCTAVE BAND



Part Number	A Size	B Dia	C	OAL 1	OAL 2	OAL 3	F Min	F Max	G	H	WT
501-5204	4	9	26	34	30	26	5	8	8.5	5	108
501-5205	5	10	27	35	31	27	5.5	17	9	5.5	140
501-5206	6	11	31	39	35	31	6	16	9.5	6	190
501-5208	8	13	43	52	48	44	7	23	10.5	7	355
501-5210	10	16	50	58	54	50	8	26	12	8	518
501-5212	12	19	60	68	64	60	9	32	13.5	9	713
501-5214	14	21	63	72	68	64	10	34	14.5	10	862
501-5216	16	23	72	81	77	73	11	38	15.5	11	1196
501-5218	18	25	82	92	88	84	12	45	16.5	12	1464
501-5220	20	28	86	96	92	88	14	46	18	14	1776

All spatial dimensions are in inches.
 Additional options available, including leak testing and lifting lugs.
 F Max is for inlet only.
 All weights are in pounds. All weights are approximate.
 For bracket options consult factory.

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SUPER CRITICAL GRADE SLIM LINE SILENCER

37 to 44 dBA Noise Reduction 1" Thermal Packing

501-C1-6100

APPLICATION

Space saving design specifically engineered to provide super critical attenuation in a space saving design. For applications where ambient noise levels are relatively low. Excellent for use in enclosures, trailers, marine or any application where space is extremely restricted.

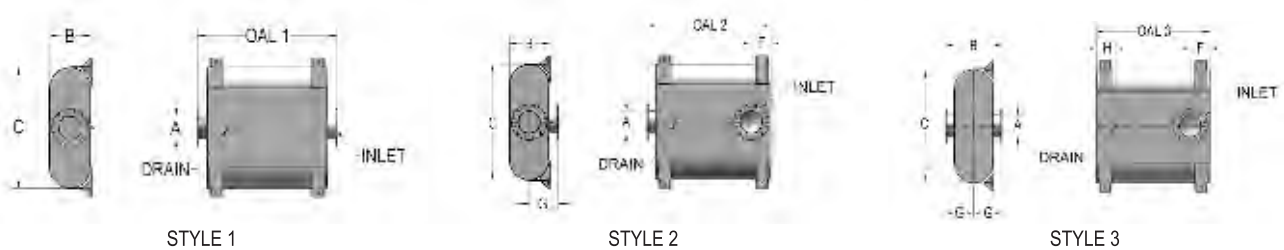
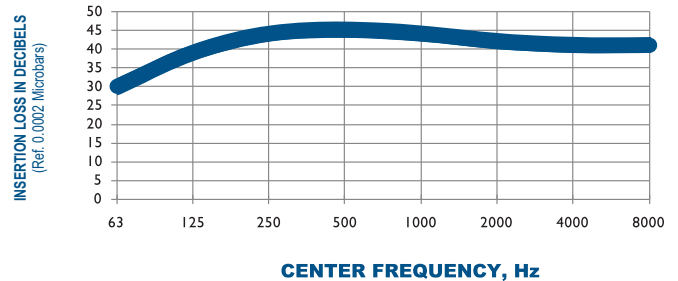
CONSTRUCTION

Features compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 1" thick packed shell provides a reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Flanged inlet and outlet standard. Silencers also available in optional colors and stainless steel. Additional connections, as well as flush mounted inlets, are available. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE 501-C1-6100
OCTAVE BAND



Part Number	A Size	B Dia	C	OAL 1	OAL 2	OAL 3	F Min	F Max	G	H	WT
501-C1-6104	4	9	32	40	36	32	5	15	8.5	5	210
501-C1-6105	5	10	32	40	36	32	5.5	18	9	5.5	223
501-C1-6106	6	11	36	44	40	36	6	20	9.5	6	227
501-C1-6108	8	13	50	58	54	50	7	27	10.5	7	485
501-C1-6110	10	16	57	65	61	57	8	31	12	8	678
501-C1-6112	12	19	68	76	72	68	9	37	13.5	9	961
501-C1-6114	14	22	68	76	72	68	10	36	15	10	1042
501-C1-6116	16	26	73	82	78	74	11	39	17	11	1377
501-C1-6118	18	28	84	94	90	86	13	45	18	13	1758
501-C1-6120	20	32	90	100	96	92	14	47	20	14	2046

All spatial dimensions are in inches.
Additional options available, including leak testing and lifting lugs.
F Max is for inlet only.
All weights are in pounds. All weights are approximate.
For bracket options consult factory.

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SUPER CRITICAL GRADE SLIM LINE SILENCER

39 to 46 dBA Noise Reduction 2" Thermal Packing

501-C2-6100

APPLICATION

Space saving design specifically engineered to provide super critical attenuation in a space saving design. For applications where ambient noise levels are relatively low. Excellent for use in enclosures, trailers, marine or any application where space is extremely restricted.

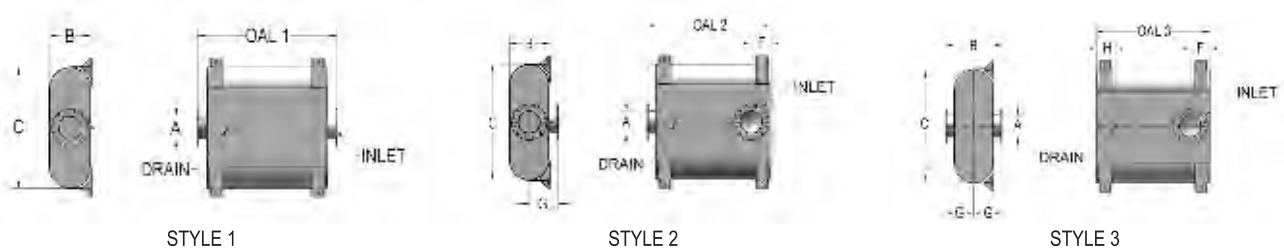
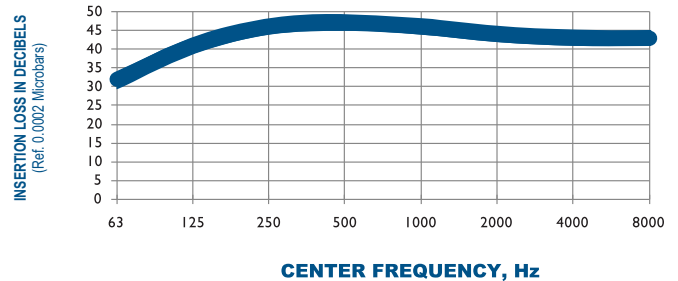
CONSTRUCTION

Features compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 2" thick packed shell provides a significant reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Flanged inlet and outlet standard. Silencers also available in optional colors and stainless steel. Additional connections, as well as flush mounted inlets, are available. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE 501-C2-6100
OCTAVE BAND



Part Number	A Size	B Dia	C	OAL 1	OAL 2	OAL 3	F Min	F Max	G	H	WT
501-C2-6104	4	11	34	42	38	34	6	16	9.5	6	255
501-C2-6105	5	12	34	42	38	34	6.5	19	10	6.5	265
501-C2-6106	6	13	38	46	42	38	7	21	10.5	7	335
501-C2-6108	8	15	52	60	56	52	8	28	11.5	8	588
501-C2-6110	10	18	59	67	63	59	9	32	13	9	783
501-C2-6112	12	21	70	78	74	70	10	38	14.5	10	1102
501-C2-6114	14	24	70	78	74	70	11	37	16	11	1205
501-C2-6116	16	28	75	84	80	76	12	40	18	12	1567
501-C2-6118	18	30	86	96	92	88	14	47	19	14	1973
501-C2-6120	20	34	92	102	98	94	15	48	21	15	2306

All spatial dimensions are in inches.
Additional options available, including leak testing and lifting lugs.
F Max is for inlet only.
All weights are in pounds. All weights are approximate.
For bracket options consult factory.

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EXTREME APPLICATION GRADE SLIM LINE SILENCER

45 to 52 dBA Noise Reduction 2" Thermal Packing

501-C2-7100

APPLICATION

Space saving design specifically engineered to provide extreme attenuation in a space saving design. For applications where ambient noise levels are very low. Excellent for use in enclosures, trailers, marine or any application where space is extremely restricted.

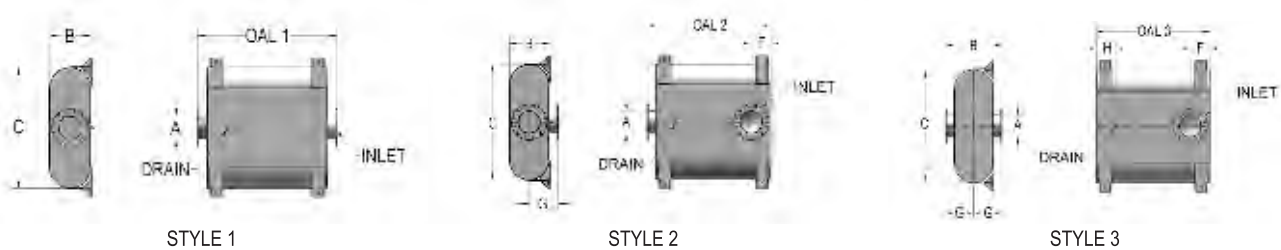
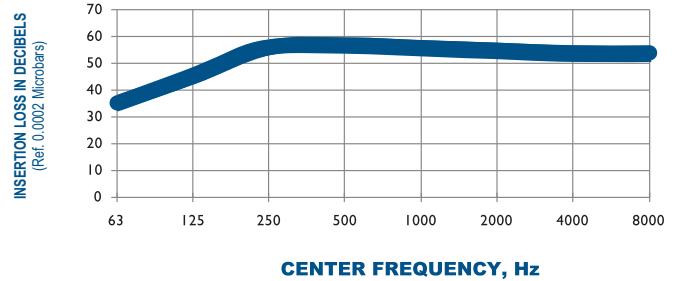
CONSTRUCTION

Features compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 2" thick packed shell provides a significant reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Flanged inlet and outlet standard. Silencers also available in optional colors and stainless steel. Additional connections, as well as flush mounted inlets, are available. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE 501-C2-7100
OCTAVE BAND



Part Number	A Size	B Dia	C	OAL 1	OAL 2	OAL 3	F Min	F Max	G	H	WT
501-C2-7104	4	12	38	70	66	62	8	18	10	7	395
501-C2-7105	5	13	40	70	66	62	9	18	10.5	7	425
501-C2-7106	6	14	42	82	78	74	9	22	11	8	600
501-C2-7108	8	16	62	106	102	98	10	31	12	9	1210
501-C2-7110	10	18	70	112	108	104	11	32	13	10	1425
501-C2-7112	12	22	74	124	120	116	12	36	15	12	1775
501-C2-7114	14	28	78	124	120	116	13	35	18	12	1995
501-C2-7116	16	32	82	132	127	122	14	36	21	14	2260
501-C2-7118	18	34	92	156	151	146	15	45	22	14	2960
501-C2-7120	20	36	96	156	151	146	16	44	23	16	3150

All spatial dimensions are in inches.
Additional options available, including leak testing and lifting lugs.
F Max is for inlet only.
All weights are in pounds. All weights are approximate.
For bracket options consult factory.

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EXTREME APPLICATION GRADE SLIM LINE SILENCER

43 to 50 dBA Noise Reduction 1" Thermal Packing

501-C1-7100

APPLICATION

Space saving design specifically engineered to provide extreme attenuation in a space saving design. For applications where ambient noise levels are very low. Excellent for use in enclosures, trailers, marine or any application where space is extremely restricted.

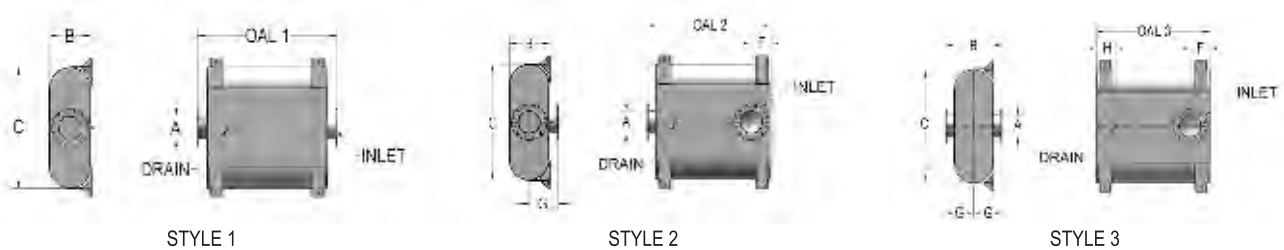
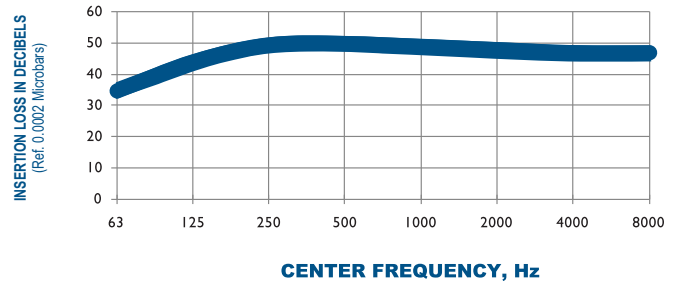
CONSTRUCTION

Features compressed thermal / acoustical fiberglass packed shell. In addition to its acoustical value, the 1" thick packed shell provides a reduction in the outer surface temperature. Actual values depend on the exhaust temperature and ambient conditions. Available bracket options include top mounted, bottom mounted or none.

FINISH AND OPTIONAL MATERIALS

Standard aluminized steel construction with high temperature, oven cured black paint. Flanged inlet and outlet standard. Silencers also available in optional colors and stainless steel. Additional connections, as well as flush mounted inlets, are available. Consult with Product Specialist for details.

TYPICAL ATTENUATION CURVE 501-C1-7100
OCTAVE BAND



Part Number	A Size	B Dia	C	OAL 1	OAL 2	OAL 3	F Min	F Max	G	H	WT
501-C1-7104	4	10	36	68	64	60	7	18	9	7	364
501-C1-7105	5	11	38	68	64	60	7	18	9.5	7	394
501-C1-7106	6	12	40	80	76	72	8	22	10	8	554
501-C1-7108	8	14	60	104	100	96	9	31	11	9	1121
501-C1-7110	10	16	68	110	106	102	10	32	12	10	1321
501-C1-7112	12	20	72	122	118	114	12	36	14	12	1644
501-C1-7114	14	26	76	122	118	114	12	35	17	12	1844
501-C1-7116	16	30	80	130	125	120	14	36	20	14	2094
501-C1-7118	18	32	90	154	149	144	14	44	21	14	2739
501-C1-7120	20	34	94	154	149	144	16	44	22	16	2915

All spatial dimensions are in inches.
Additional options available, including leak testing and lifting lugs.
F Max is for inlet only.
All weights are in pounds. All weights are approximate.
For bracket options consult factory.

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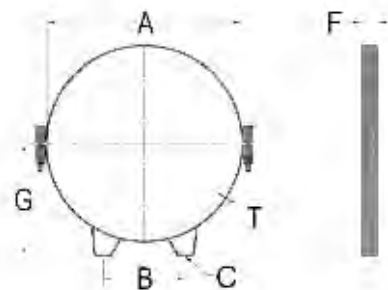
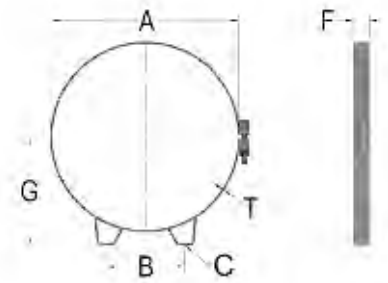
CONVENTIONAL ROUND MOUNTING BRACKETS

Single Piece Construction Carbon Steel

Part Number	A	B	C	F	G	T	WT
3ACI-28-400	4	2.25	.38	1.00	2.62	.125	0.5
3ACI-28-450	4.5	2.50	.38	1.00	2.86	.125	0.6
3ACI-28-500	5	3.50	.38	1.00	3.12	.125	0.7
3ACI-28-550	5.5	3.00	.38	1.00	3.33	.125	0.7
3ACI-28-600	6	3.00	.38	1.00	3.56	.125	0.8
3ACI-28-650	6.5	3.75	.38	1.00	3.83	.125	0.8
3ACI-28-700	7	4.50	.38	1.00	4.06	.125	1.0
3ACI-28-800	8	4.25	.38	1.25	5.00	.125	1.5
3ACI-28-850	8.5	4.25	.38	1.25	5.25	.125	1.5
3ACI-28-900	9	4.50	.38	1.25	5.50	.125	1.7
3ACI-28-1000	10	5.00	.38	1.25	6.00	.125	1.7
3ACI-28-1100	11	5.00	.38	1.25	6.50	.125	1.8
3ACI-28-1200	12	5.00	.38	1.25	7.00	.125	2.0
3ACI-28-1400	14	6.00	.41	1.25	8.12	.125	3.0

Two-Piece Split Design Carbon Steel

Part Number	A	B	C	F	G	T	WT
3ACI-28-1600	16	8	.50	2.0	8.9	.134	5.5
3ACI-28-1800	18	9	.50	2.0	11.12	.134	6
3ACI-28-2000	20	10	.50	2.5	12.06	.134	9.5
3ACI-28-2200	22	11	.50	2.5	13.63	.134	10.5
3ACI-28-2400	24	12	.63	2.5	14.56	.134	11.5
3ACI-28-2600	26	13	.63	3.0	15.44	.190	17.5
3ACI-28-2800	28	14	.63	3.0	16.31	.190	24
3ACI-28-3000	30	15	.63	4.0	17.25	.190	27
3ACI-28-3600	36	18	.63	4.0	20.12	.190	33
3ACI-28-4200	42	21	.75	4.0	23.38	.190	44
3ACI-28-4500	45	22.5	1	4.0	25.19	.190	50
3ACI-28-4800	48	24	1	4.0	26.50	.250	63
3ACI-28-5400	54	27	1	4	30.5	.25	62
3ACI-28-6000	60	30	1	6	34.5	.25	119
3ACI-28-6200	60	32	1	6	35	.25	122



All dimensions are in inches. All weights are in pounds. Weights are approximate. Larger sizes available. Available in stainless steel, consult factory for details.

****28 Series Brackets are not to be used for vertical or overhead suspension installations.**

For both applications, IAC Acoustics recommends the installation of 29 Series Brackets.

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VERTICAL MOUNT WELDED BRACKETS

29-A & B

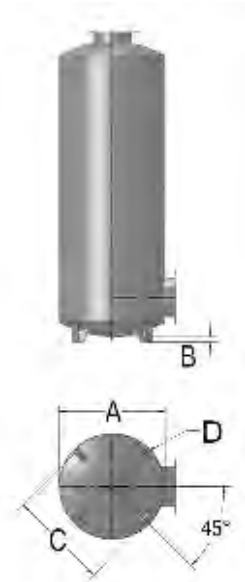
29-A Welded Brackets Vertical Mount

Part Number	A (SIZE)	B	C	D
29-A-14	14	2	12	.50
29-A-16	16	2	14	.50
29-A-18	18	2	16	.50
29-A-20	20	2	18	.50
29-A-22	22	2	20	.50
29-A-24	24	2	21.5	.63
29-A-26	26	2	23.5	.63
29-A-28	28	2	25.5	.63
29-A-30	30	2	27.5	.63
29-A-36	36	2.5	33	.88
29-A-42	42	2.5	39	1.13
29-A-45	45	2.5	42	1.13
29-A-48	48	2.5	45	1.13
29-A-54	54	2.5	51	1.13
29-A-60	60	2.5	54	1.13

29-B Welded Brackets Vertical Mount

Part Number	A (SIZE)	B	C	D
29-B-16	16	5	16	.50
29-B-18	18	5	18	.50
29-B-20	20	5	20	.63
29-B-22	22	5	22	.63
29-B-24	24	5	24	.63
29-B-26	26	5	26	.63
29-B-28	28	5	28	.63
29-B-30	30	5	30	.63
29-B-36	36	5	36	.88
29-B-42	42	5	42	.88
29-B-45	45	5	45	1.13
29-B-48	48	5	48	1.13
29-B-54	54	6	54	1.13
29-B-60	60	6	60	1.13
29-B-66	66	6	66	1.13

All dimensions are in inches. All weights are in pounds. Weights are approximate. Larger sizes available. Available in stainless steel, consult factory for details.



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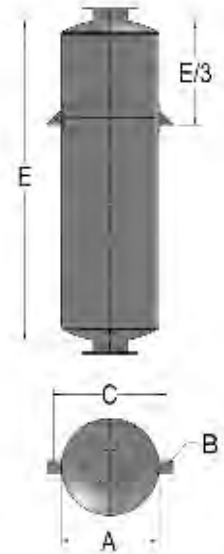
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VERTICAL/HORIZONTAL MOUNT WELDED BRACKETS

29-D & E

29-D Welded Brackets Vertical Mount

Part Number	A (SIZE)	B	C
29-D-16	16	.50	19.4
29-D-18	18	.50	21.4
29-D-20	20	.50	23.4
29-D-22	22	.50	25.4
29-D-24	24	.50	27.4
29-D-26	26	.63	30.6
29-D-28	28	.63	32.6
29-D-30	30	.63	34.6
29-D-36	36	.63	40.6
29-D-42	42	.63	46.6
29-D-45	45	.63	49.6
29-D-48	48	.63	52.9
29-D-54	54	.88	59.8
29-D-60	60	.88	65.8
29-D-66	66	.88	71.8



29-E Welded Brackets Horizontal Mount

Part Number	A (SIZE)	B	C	D
29-E-16	16	.50	19.4	8
29-E-18	18	.50	21.4	9
29-E-20	20	.50	23.4	10
29-E-22	22	.50	25.4	11
29-E-24	24	.50	27.4	12
29-E-26	26	.63	30.6	13
29-E-28	28	.63	32.6	14
29-E-30	30	.63	34.6	15
29-E-36	36	.63	40.6	18
29-E-42	42	.63	46.6	21
29-E-45	45	.63	49.6	22.5
29-E-48	48	.63	52.9	24
29-E-54	54	.88	59.8	27
29-E-60	60	.88	65.8	30
29-E-66	66	.88	71.8	33



All dimensions are in inches. All weights are in pounds. Weights are approximate. Larger sizes available. Silencers also available in optional colors and stainless steel. Consult with Product Specialist for details.

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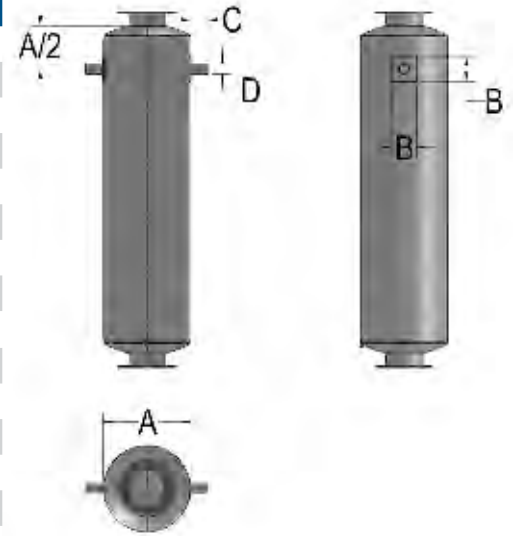
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VERTICAL MOUNT WELDED BRACKETS

29-G

29-G Welded Brackets (Trunion)

Part Number	A (SIZE)	B	C	D*
29-G-16	16	6	4	1.5
29-G-18	18	7	5	2.5
29-G-20	20	7	5	2.5
29-G-22	22	7	5	2.5
29-G-24	24	7	5	2.5
29-G-26	26	7	5	2.5
29-G-28	28	10	6	4
29-G-30	30	10	6	4
29-G-36	36	12	6	4
29-G-42	42	12	6	4
29-G-45	45	14	6	4
29-G-48	48	14	8	6
29-G-54	54	16	8	6
29-G-60	60	16	8	6
29-G-66	66	16	8	6



*Dimensions over 60" will have full band instead of square pad.
 All dimensions are in inches. All weights are in pounds. Weights are approximate. Larger sizes available.
 Available in stainless steel. Consult with Product Specialist for details.

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THERMAL WRAP

Physical Properties

Color	Gray
Max Operating Temperature	1000°F
Outer Fabric Tensile Strength	275 X 175 (Warp X Fill)
Product Meets Requirements For	ASTM E84, ASTM E162, NFPA 701, UL 1709
Outer Facing / Cold Face	17 Oz Silicone Coated Fiberglass Fabric
Insulation	1" Fiberglass Yarn Needle
Inner Facing / Hot Face	Knitted Stainless Steel Wire Mesh
Fastener	Method A, B or C below

NPS Diameter	Exhaust Temperature °F					
	200	400	500	600	700	800
2	87	99.4	106.5	114.6	123.7	140
3	88	102.8	111	120.5	131.1	149
4	88.5	104	112.8	122.7	133.8	153
5	89.6	107	116.9	127.9	140.2	161
6	90.4	109.2	120	131.8	145.1	167
8	90.6	109.6	120.3	132.3	145.6	168
10	91.9	113.2	125.2	138.5	153.3	178
12	92	114.2	127.3	140	155	181
14	92.7	115.5	128.3	142.3	158	184

Thermal Conductivity BTU X in. / hr X ft ² X °F	
212 °F	0.313
302 °F	0.366
347 °F	0.385
500 °F	0.48
720 °F	0.59

FASTENER OPTIONS

Method A

Stainless steel lacing hook and stainless steel tie wire

Method B

Stainless steel lacing hook and spring with nickel plated steel ring

Method C

Hook and loop fastening tape

Ambient Air: 80°F Wind Speed: 5 mph. The reference data above is based on a computer simulated model is to be used as a guideline. Specification for standard catalog item, GTE reserves the right to change specifications without notice. Wrap available for all GTE silencers. Thermal wraps can be used outside, consult with Product Specialist for more details.

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