

INDUSTRIAL CHAMBER SILENCER

15 to 20 dBA Noise Reduction

M11 OVERVIEW

The M11 is engineered for light industrial areas where background noise is relatively high and constant. The need for higher degrees of silencing should be minimal, keeps engine exhaust noise within existing levels.

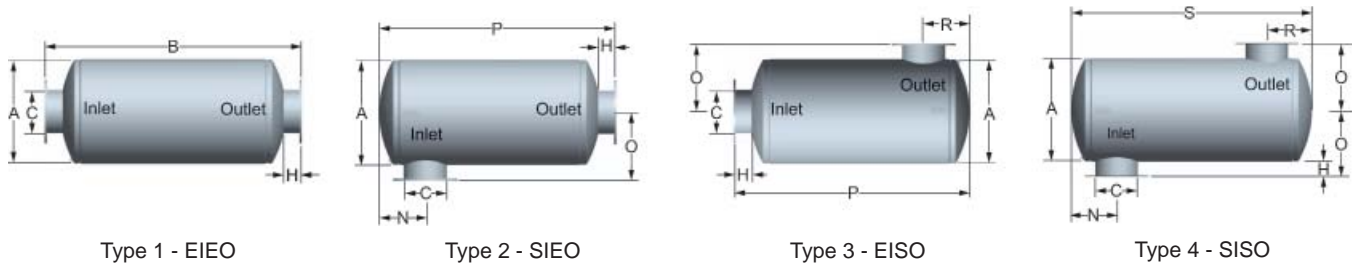
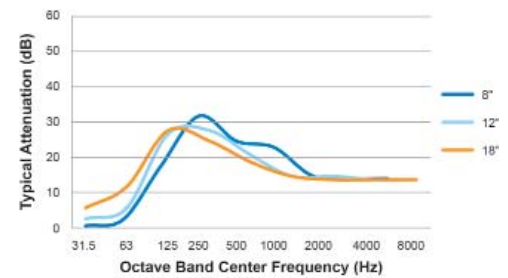
Typical application: Internal combustion engine exhausts in light industry areas with relatively constant background noise.

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 connections

OPTIONS / ACCESSORIES

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



M11											
Size / ØC	ØA	B	N Min	N Max	O	P	R Min	R Max	S	H	Est Wt
1.5	6	20	3		6	17	3		14	3	10
2	6	20	3.5		6	17	3.5		14	3	11
2.5	7	20	4		6.5	17	4		14	3	15
3	8	24	4	- Consult Factory -	7	21	4	- Consult Factory -	18	3	20
3.5	9	26	4.5	- Consult Factory -	7.5	23	4.5	- Consult Factory -	20	3	26
4	10	30	5	- Consult Factory -	9	26	5	- Consult Factory -	22	4	40
5	12	34	6	- Consult Factory -	10	30	6	- Consult Factory -	26	4	51
6	14	41	6.5	- Consult Factory -	11	37	6.5	- Consult Factory -	33	4	75
8	16	48	8.5	- Consult Factory -	12	44	8.5	- Consult Factory -	40	4	108
10	18	50	9.5	- Consult Factory -	13	46	9.5	- Consult Factory -	42	4	138
12	22	60	11.5	- Consult Factory -	15	56	11.5	- Consult Factory -	52	4	203
14	30	70	13.5	- Consult Factory -	20	65	13.5	- Consult Factory -	60	5	394
16	36	80	16.5	- Consult Factory -	23	75	16.5	- Consult Factory -	70	5	535
18	40	90	17.5	- Consult Factory -	25	85	17.5	- Consult Factory -	80	5	858

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



RESIDENTIAL CHAMBER SILENCER

20 to 25 dBA Noise Reduction

M22 OVERVIEW

The M22 is engineered for residential and light industrial areas where background noise is relatively high and constant. The need for higher degrees of silencing should be minimal, keeps engine exhaust noise within existing levels.

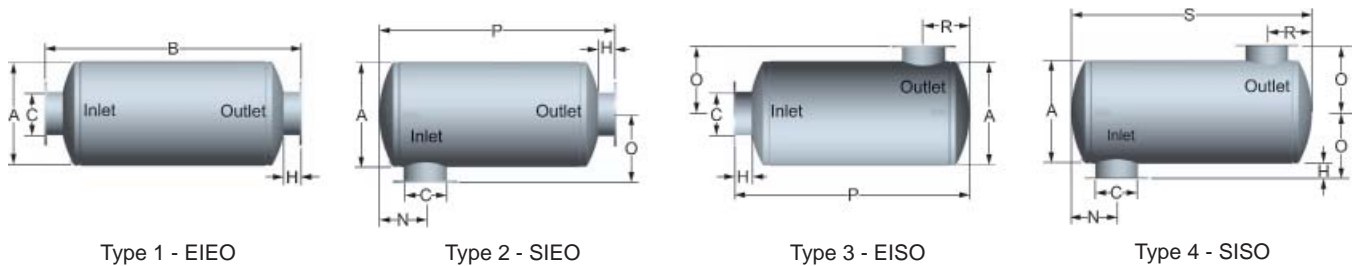
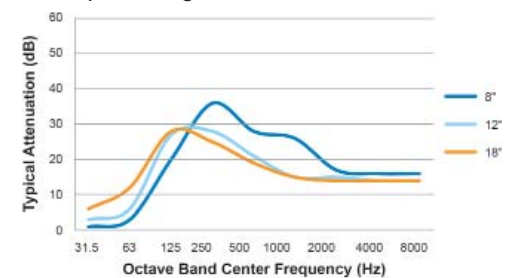
Typical application: Internal combustion engine exhausts in neighborhoods having high traffic or light industry with relatively constant background noise. Residents in these areas are typically accustomed to the noise or make some efforts to shield themselves from the ever present background noise.

FEATURES

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

OPTIONS / ACCESSORIES

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



M22												
Size / ØC	ØA	B	N Min	N Max	O	P	R Min	R Max	S	H	Est Wt	
4	14	36	6	11	11	32	6		28	4	60	
5	16	43	7	15	12	39	7		35	4	80	
6	18	49	7.5	18	13	45	7.5		41	4	102	
8	22	59	9.5	23	15	55	9.5		51	4	170	
10	26	64	11.5	26	17	60	11.5		56	4	270	
12	30	77	13	32	19	73	13		69	4	415	
14	36	83	15.5	34	23	78	15.5		73	5	550	
16	40	90	16.5	36	25	85	16.5		80	5	784	
18	45	96	18	39	27.5	91	18		86	5	931	
20	50	109	20.5	47	30	104	20.5		99	5	1357	
22	54	119	22.5	50	32	114	22.5		109	5	1764	
24	60	125	24	56	35	120	24		115	5	2105	
26	64	140	25.5	61	37	135	25.5		13	5	2477	
28	68	155	26.5	69	39	150	26.5		145	5	2856	
30	72	166	28	75	41	161	28		156	5	3259	

- Consult Factory -

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



CRITICAL CHAMBER SILENCER

25 to 32 dBA Noise Reduction

M32 OVERVIEW

The M32 is engineered for residential areas where background noise is present, but not objectionable. In these areas, installation of an M32 on an engine exhaust is intended to bring the noise level down to match the ambient noise levels.

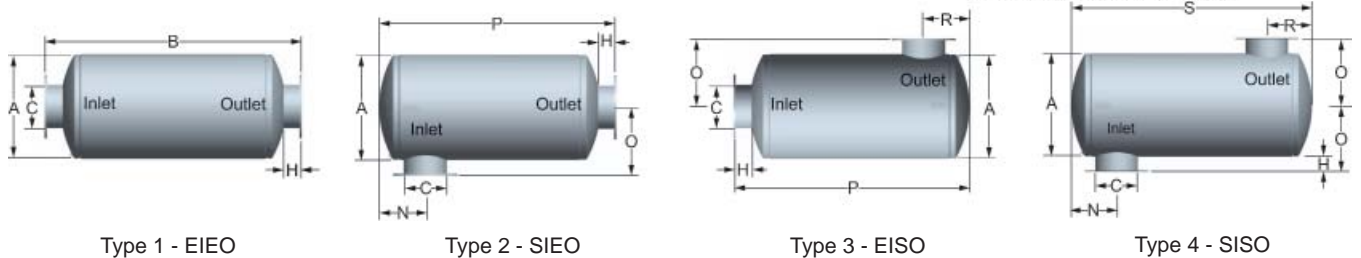
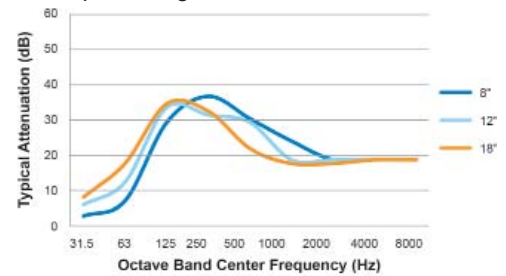
Typical application: Internal combustion engine exhausts in quieter residential area off main traffic areas and away from constant noise sources.

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 connections

OPTIONS / ACCESSORIES

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



M32											
Size / ØC	ØA	B	N Min	N Max	O	P	R Min	R Max	S	H	Est Wt
1	6	20	3	5	6	17	3		14	3	10
1.5	9	30	4	11	7.5	27	4		24	3	23
2	9	30	4.5	11	7.5	27	4.5		24	3	24
2.5	10	34	5	12	8	31	5		28	3	33
3	12	38	5.5	15	9	35	5.5		32	3	50
3.5	14	42	6	16	10	39	6		36	3	65
4	14	48	6	17	11	44	6		40	4	75
5	16	57	7	23	12	53	7		49	4	100
6	18	63	8	25	13	59	8		55	4	126
8	22	74	9.5	32	15	70	9.5		66	4	203
10	26	87	11.5	39	17	83	11.5		79	4	352
12	30	102	13	45	19	98	13		94	4	519
14	36	109	15.5	46	23	104	15.5		99	5	674
16	40	119	16.5	51	25	114	16.5		109	5	973
18	45	127	18	56	27.5	122	18		117	5	1165
20	50	137	20.5	61	30	132	20.5		127	5	1656
22	54	149	22.5	67	32	144	22.5		139	5	2107
24	60	162	24	74	35	157	24		152	5	2566
26	64	183	25.5	85	37	178	25.5		173	5	3031
28	68	200	26.5	93	39	195	26.5		190	5	3468
30	72	216	28	102	41	211	28		206	5	3992

- Consult Factory -

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



SUPER CRITICAL CHAMBER SILENCER

30 to 38 dBA Noise Reduction

M42 OVERVIEW

The M42 is engineered for quiet residential areas where background noise is relatively low, and super critical grade silencing is required.

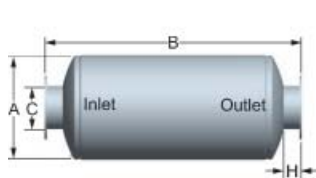
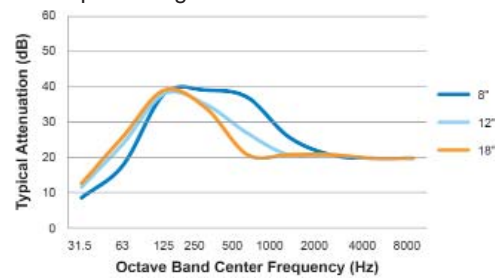
Typical application: Internal combustion engine exhausts in truly quiet residential areas where ambient noise levels are very low and the sound of birds singing and the soft hum of air conditioning units may be the noticeable noise features.

FEATURES

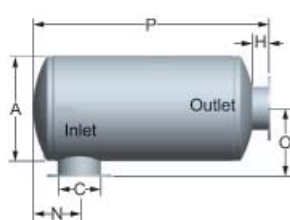
- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- High heat silicone black finish
- Connections: ANSI pattern flanged
- Two chambers
- Drain connections

OPTIONS / ACCESSORIES

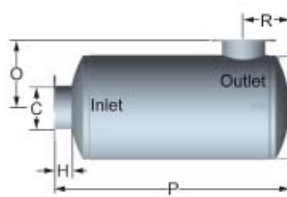
- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Custom inlet/outlet size, location and multiple orientation types available
- Horizontal or vertical support arrangements
- Aluminized steel, Stainless Steel 304 or 316 construction available
- Special paints and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



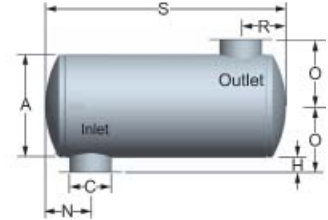
Type 1 - EIEO



Type 2 - SIEO



Type 3 - EISO



Type 4 - SISO

M42

Size / ØC	ØA	B	N Min	N Max	O	P	R Min	R Max	S	H	Est Wt
4	16	51	6.5	18	12	47	6.5		43	4	90
5	18	62	7	24	13	58	7		54	4	120
6	22	69	8.5	26	15	65	8.5		61	4	175
8	26	82	10	32	17	78	10		74	4	304
10	30	102	12	45	19	98	12		94	4	484
12	36	112	15	51	22	108	15		104	4	659
14	40	120	15.5	52	25	115	15.5		110	5	930
16	45	126	17	55	27.5	121	17		116	5	1140
18	50	135	19.5	60	30	130	19.5		125	5	1623
20	54	149	21.5	67	32	144	21.5		139	5	2055
22	60	157	23	72	35	152	23		147	5	2464
24	64	164	24.5	75	37	159	24.5		154	5	2803
26	68	184	25.5	85	39	179	25.5		174	5	3282
28	72	205	27	97	41	200	27		195	5	3788
30	78	220	28.5	104	44	215	28.5		210	5	5293

- Consult Factory -

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



HOSPITAL CHAMBER SILENCER

35 to 42 dBA Noise Reduction

M52 OVERVIEW

The M52 is engineered for reactive hospital grade noise reduction in heavy industrial areas where machinery operates continuously around a quiet locality. Suitable locations include hospitals, schools and quiet residential districts.

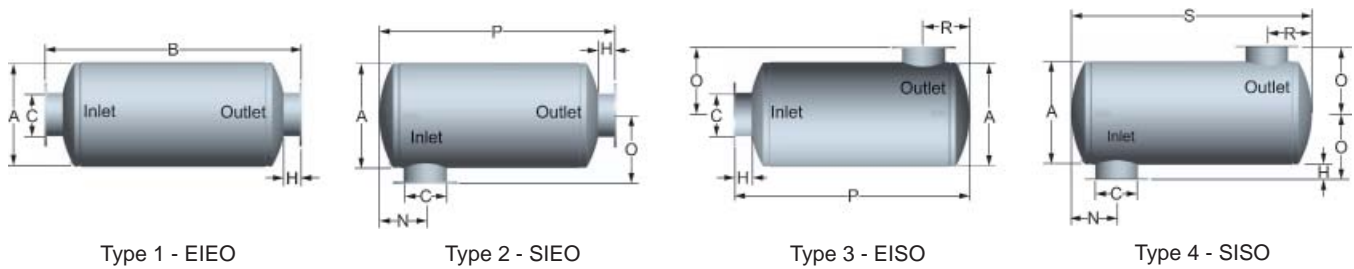
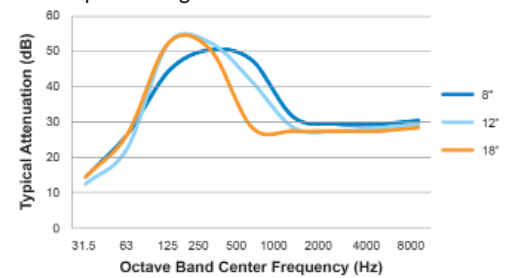
Typical application: Internal combustion engine exhausts in extremely low background noise areas, such as residential or hospital locations away from busy streets.

FEATURES

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

OPTIONS / ACCESSORIES

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



M52											
Size / ØC	ØA	B	N Min	N Max	O	P	R Min	R Max	S	H	Est Wt
4	18	62	7	26	13	58	7		54	4	177
5	22	74	9	32	15	70	9		66	4	271
6	26	85	11	38	17	81	11		77	4	342
8	30	103	12	26	19	99	12		95	4	548
10	36	118	14	32	22	114	14		110	4	783
12	36	130	14	36	22	126	14		122	4	870
14	40	145	17	37	25	140	17		135	5	1242
16	45	156	19	39	27.5	151	19		146	5	1543
18	50	171	21	44	30	166	21		161	5	2252
20	54	185	22	48	32	180	22		175	5	2818
22	60	199	24	51	35	194	24		189	5	3429
24	64	212	26	54	37	207	26		202	5	3916
26	68	235	27	60	39	230	27		222	5	4576
28	72	268	29	71	41	263	29		258	5	5390
30	78	278	32	73	44	273	32		268	5	7246

- Consult Factory -

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



HOSPITAL PLUS CHAMBER SILENCER

35 to 50 dBA Noise Reduction

M62 OVERVIEW

The M62 is engineered for a high degree of silencing in areas requiring hospital plus grade noise reductions. The M62 is a reactive silencer with absorptive type features without resorting to multiple silencers in series or custom designed silencers.

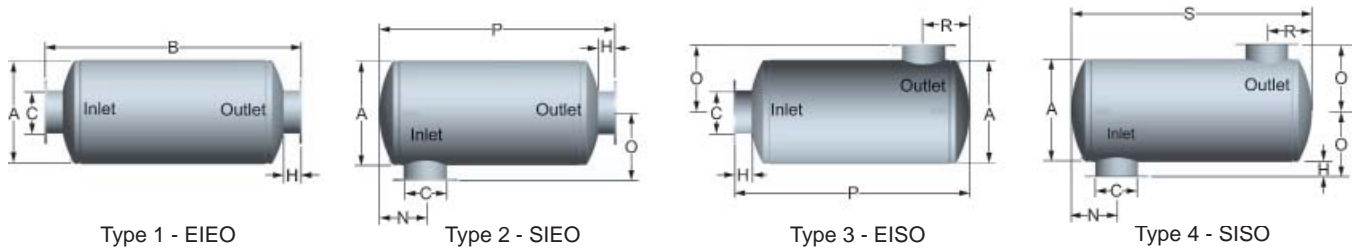
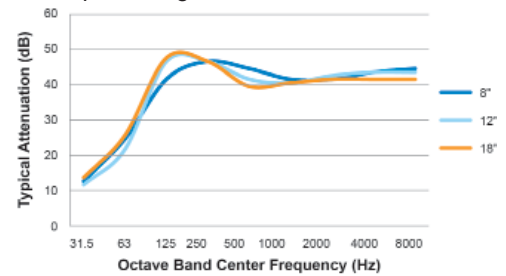
Typical application: Internal combustion engine exhausts in extremely low background noise areas, such as residential or hospital locations away from busy streets.

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 connections

OPTIONS / ACCESSORIES

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



M62											
Size / ØC	ØA	B	N Min	N Max	O	P	R Min	R Max	S	H	Est Wt
1.5	9	36	3.5	14	7.5	33	3.5		30	3	60
2	10	40	4.5	16	8	37	4.5		34	3	68
2.5	12	46	5.5	20	9	43	5.5		40	3	98
3	14	50	6	21	10	47	6		44	3	126
3.5	16	54	7	23	11	51	7		48	3	154
4	18	62	7	26	13	58	7		54	4	191
5	22	74	9	32	15	70	9		66	4	271
6	26	85	11	38	17	81	11		77	4	376
8	30	103	12	26	19	99	12		95	4	548
10	36	118	14	32	22	114	14		110	4	844
12	36	130	14	36	22	126	14		122	4	870
14	40	145	17	37	25	140	17		135	5	1359
16	45	156	19	39	27.5	151	19		146	5	1543
18	50	171	21	44	30	166	21		161	5	2417
20	54	185	22	48	32	180	22		175	5	2818
22	60	199	24	51	35	194	24		189	5	3590
24	64	212	26	54	37	207	26		202	5	3916
26	68	235	27	60	39	230	27		225	5	4770
28	72	268	29	71	41	263	29		258	5	5390
30	78	278	32	73	44	273	32		268	5	7679

- Consult Factory -

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



EXTREME CHAMBER SILENCER

40 to 55 dBA Noise Reduction

M72 OVERVIEW

The M72 is engineered for areas requiring extreme grade noise reductions and is a reactive and absorptive silencer designed to achieve maximum attenuation as well as minimize radiated noise from breakout, without resorting to multiple silencers in series or custom designed silencers.

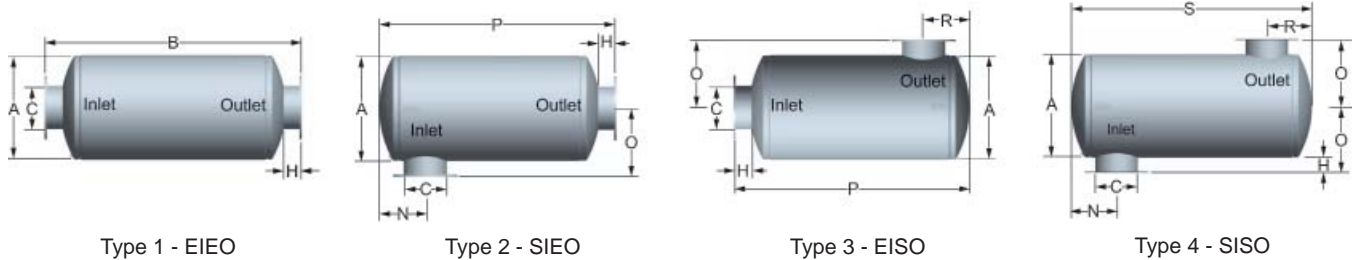
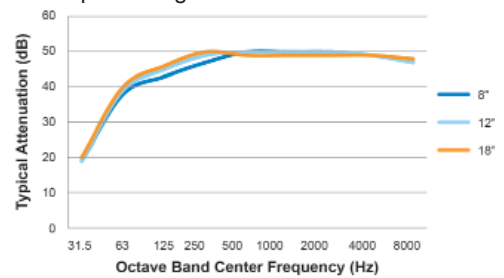
Typical application: Internal combustion engine exhausts in extremely low background noise areas, such as residential or hospital locations away from busy streets.

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 connections

OPTIONS / ACCESSORIES

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



M72											
Size / ØC	ØA	B	N Min	N Max	O	P	R Min	R Max	S	H	Est Wt
1.5	12	60	5		9	57	5		54	3	188
2	12	64	6		9	61	6		58	3	204
2.5	14	70	7		10	67	7		64	3	264
3	16	74	7		11	71	7		68	3	329
3.5	18	78	8		12	75	8		72	3	389
4	22	84	8		15	80	8		76	4	498
5	26	97	10		17	93	10		89	4	698
6	30	110	12		19	106	12		102	4	944
8	36	134	13		22	130	13		126	4	1511
10	40	150	15		24	146	15		144	4	1910
12	40	158	15		24	154	15		150	4	2084
14	45	174	18		27.5	169	18		164	5	2549
16	50	194	21		30	189	21		184	5	3237
18	54	208	23		32	203	23		198	5	3944
20	60	226	25		35	221	25		216	5	5443
22	64	228	26		37	223	26		218	5	6006
24	68	233	27		39	228	27		223	5	6638
26	72	234	29		41	229	29		224	5	7196
28	78	244	30		44	239	30		234	5	9513
30	84	254	32		47	249	32		244	5	10807

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



SUPER EXTREME CHAMBER SILENCER

45 to 60 dBA Noise Reduction

M82 OVERVIEW

The M82 is engineered for the highest degree of silencing in areas requiring super extreme grade noise reductions. The M82 is presently the top-of-the-line reactive and absorptive silencer designed to achieve maximum attenuation as well as minimize radiated noise from breakout, without resorting to multiple silencers in series or custom designed silencers.

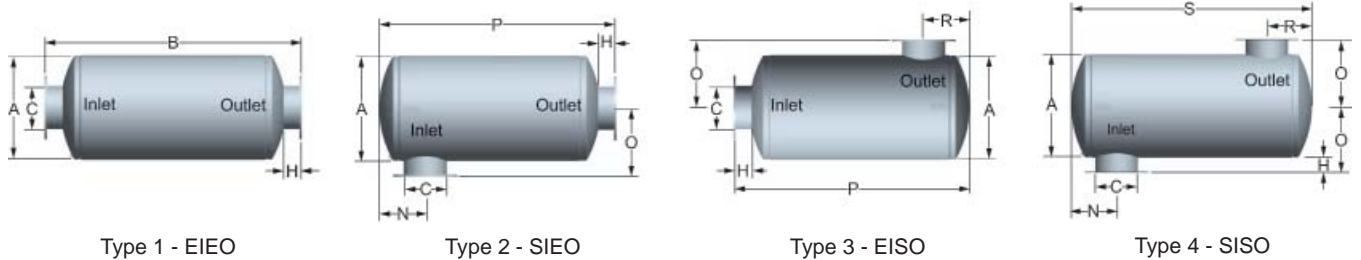
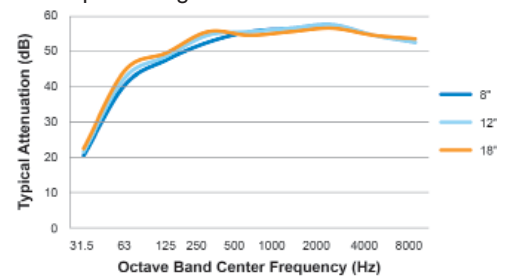
Typical application: Internal combustion engine exhausts in extremely low background noise areas, such as residential or hospital locations away from busy streets.

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 connections

OPTIONS / ACCESSORIES

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



M82											
Size / ØC	ØA	B	N Min	N Max	O	P	R Min	R Max	S	H	Est Wt
1.5	18	70	6		12	67	6		64	3	384
2	20	74	6		13	71	6		68	3	460
2.5	20	80	7		13	77	7		74	3	504
3	22	84	8		14	81	8		78	3	583
3.5	24	88	9		15	85	9		82	3	695
4	26	94	10		17	90	10		86	4	788
5	26	108	11		17	104	11		100	4	913
6	30	118	13		19	114	13		110	4	1172
8	36	134	14		22	130	14		126	4	1715
10	40	150	16		24	146	16		142	4	2164
12	40	158	16		24	154	16		150	4	2356
14	45	174	19		27.5	169	19		164	5	3017
16	50	194	22		30	189	22		184	5	3805
18	54	208	24		32	203	24		198	5	4502
20	60	226	26		35	221	26		216	5	6185
22	64	228	27		37	223	27		218	5	7086
24	68	233	28		39	228	28		223	5	7810
26	72	234	30		41	229	30		224	5	8419
28	78	244	31		44	239	31		234	5	11045
30	84	254	33		47	249	33		244	5	12545

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

