



1074 Kenran Industrial Dr.
St. Louis, MO 63137
Phone: 1-800-381-9968

HUMCO ENGINE ROOM

Chamber Type Silencer

Better Chamber Type Silencer: Expected Attenuation is 20 to 24 dBA

Use a model M31 in residential areas where background noise is present but not objectionable. In these areas, installation of an M31 on an engine exhaust is intended to bring the noise level down to match the ambient noise levels.

Example: In a quieter residential area off main traffic areas and away from constant noise sources.

OVERVIEW

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- Prime coated exterior finish

FEATURES

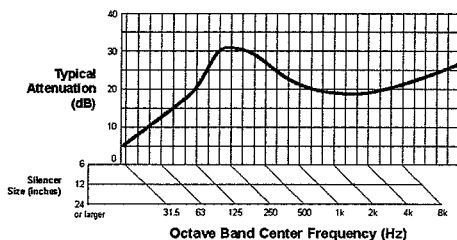
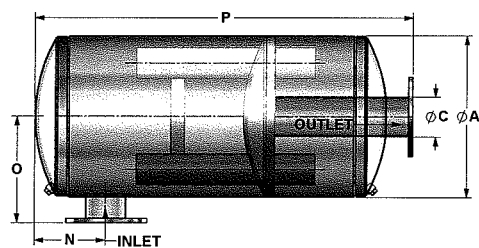
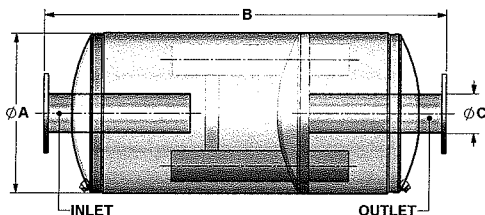
- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Side inlet(s)
- Side outlet
- Horizontal or vertical support arrangements
- Special paint
- Stainless steel construction

OPTIONAL ACCESSORIES

- Internal combustion engine intakes and exhausts
- Blower intakes and discharges
- Vacuum pump discharges

TYPICAL APPLICATIONS

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Size	A	B	C	N		O	P	Est. Wt.
				Min.	Max.			
4"	14	48	4	5 1/2	22	10	45 3/16	110
5"	16	55	5	6 1/2	25	11	52 3/16	120
6"	18	63	6	7	29 1/2	12	60 3/16	170
8"	22	76	8	8 1/2	36 1/2	14	73 3/16	285
10"	26	91	10	10 1/2	43	16 1/2	88	460
12"	30	109	12	12	53	18 1/2	106 3/16	745
14"	36	102	14	14	48	21 1/2	99 1/4	965
16"	40	119	16	17	56	23 1/2	116 3/16	1340
18"	45	127	18	19	60	26 1/2	124	1850
20"	50	144	20	21	69	29	141 1/4	2175
22"	54	161	22	22	78	31	158 1/4	2650
24"	60	165	24	24	79	34	162 1/4	3400
26"	64	183	26	26	89	36	180 1/2	3850
28"	68	200	28	27	98	38	197 3/4	4840
30"	72	216	30	29	107	40	213 3/4	5150

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



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Excellent Chamber Type Silencer: Expected Attenuation is 24 to 28 dBA

Use a model M41 for quiet residential areas where background noise is relatively low and "critical" grade silencing is required.

Example: For 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.

OVERVIEW

TYPICAL APPLICATIONS

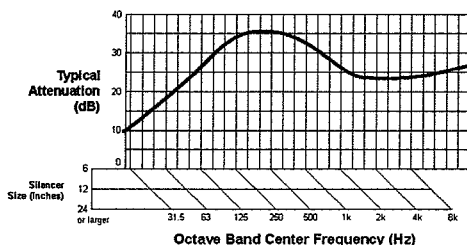
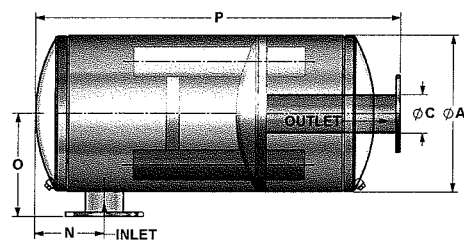
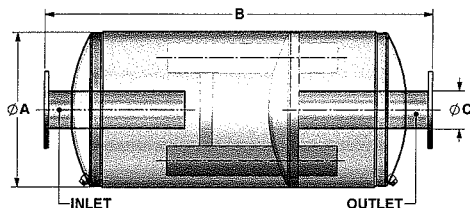
- Internal combustion engine intakes and exhausts
- Blower intakes and discharges
- Vacuum pump discharges

FEATURES

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- Prime coated exterior finish

OPTIONAL ACCESSORIES

- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Side inlet(s)
- Side outlet
- Horizontal or vertical support arrangements
- Special paint
- Stainless steel construction



Size	A	B	C	N		O	P	Est. Wt.
				Min.	Max.			
4"	16	54	4	6	25	11	51 1/8	120
5"	18	64	5	6 1/2	31	12	61 3/16	170
6"	22	72	6	8	35	14	69 1/8	255
8"	26	85	8	9 1/2	41 1/2	16	82 3/8	390
10"	30	103	10	11	50	18 1/2	99 15/16	670
12"	36	118	12	13	58	21 1/2	115 1/16	1010
14"	40	117	14	16	56	23 1/2	114	1300
16"	45	134	16	18	65	26	131	1830
18"	50	152	18	20	74	29	149	2350
20"	54	175	20	21	89	31	172	2870
22"	60	185	22	23	92	34	182	3470
24"	64	208	24	25	105	36	205 1/4	4450
26"	68	228	26	26	115	38	225 1/4	5500
28"	72	253	28	28	128	40	250 1/2	6240
30"	78	262	30	30	133	43	259 1/2	7150

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



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Best Chamber Type Silencer: Expected Attenuation is 28 to 32 dBA

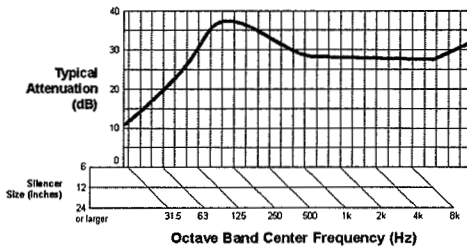
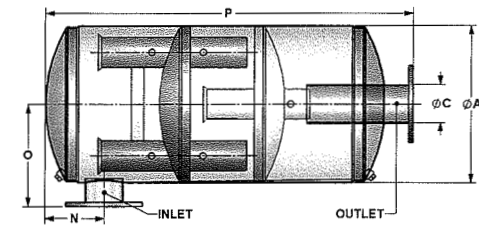
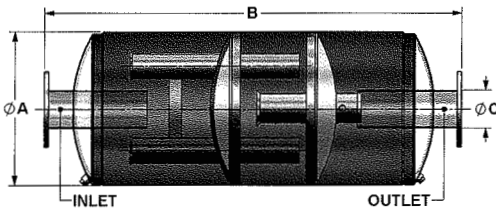
Use a model M51 for the highest degree of silencing in areas requiring "hospital grade" noise reductions. The M51 is presently the top-of-the-line silencer without resorting to multiple silencers in series or custom designed silencers.

Example: Suitable for use where background noise is extremely low, such as residential or hospital locations away from busy streets.

- Advanced acoustical design
- Heavy duty, all welded construction and long service life
- Easily installed in any position
- Prime coated exterior finish
- Sizes 1" to 3" have MNPT connections
- Sizes 1" through 10" are two chambered
- Sizes 12" and larger have three chambers

- Explosion relief cover
- Flexible connectors
- Companion flanges
- Cleanout openings
- Side inlet(s)
- Side outlet
- Horizontal or vertical support arrangements
- Special paint
- Stainless steel construction

- Internal combustion engine intakes and exhausts
- Blower intakes and discharges
- Vacuum pump discharges



Size	A	B	C	N		O	P	Est. Wt.
				Min.	Max.			
1 1/2"	7	26	1 1/2	3	11	6 1/2	5 1/2	19
2"	10 1/4	25	2	3 1/2	10 1/2	8	7 1/8	27
2 1/2"	12	36	2 1/2	4 1/2	15 1/2	9	33 1/4	45
3"	14	45	3	5 1/4	21 1/4	10	42 1/2	80
3 1/2"	16	53	3 1/2	6	25	11	50 1/4	95
4"	18	64	4	6 1/2	31	12	61 1/4	200
5"	22	72	5	8	35	14	69 1/4	285
6"	26	85	6	9	41 1/2	16	82 1/2	390
8"	30	103	8	10 1/2	50	18 1/2	100	585
10"	36	118	10	12 1/2	59	21 1/2	115	860
12"	36	146	12	13	58	21 1/2	143	1250
14"	40	145	14	16 1/2	56	23 1/2	142	1525
16"	45	164	16	18	63	26	161 1/4	2150
18"	50	188	18	20	74	29	185	3450
20"	54	217	20	21	84	31	214	4075
22"	60	230	22	23	92	34	227	5050
24"	64	258	24	25	105	36	255 1/4	6075
26"	68	283	26	26	115	38	280 1/4	7325
28"	72	315	28	28	128	40	312 1/4	8225
30"	78	326	30	30	133	43	323 1/2	9250

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