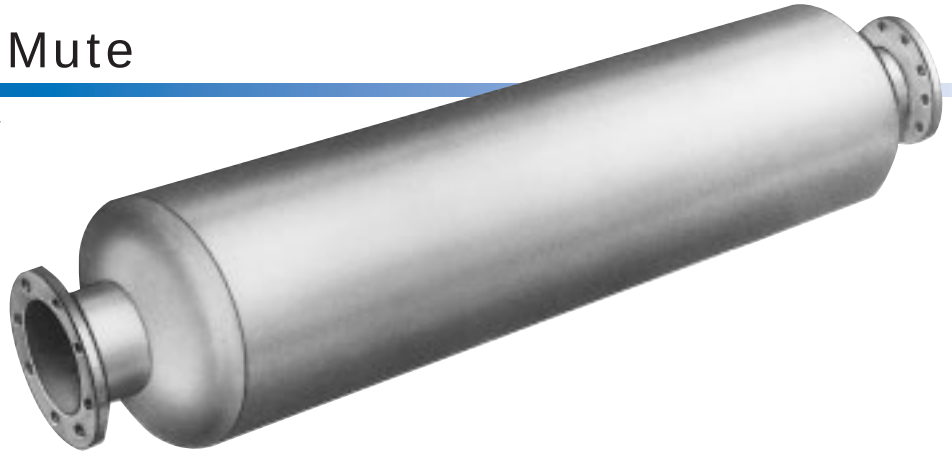


Chamber Mute

Intake/Exhaust

Silencer



MAXIMUM ATTENUATION, MINIMUM PRESSURE DROP

The AAF Chamber Mute is an acoustically effective cylindrical silencer utilizing reactive design to ensure maximum attenuation with a minimum pressure drop.

Providing broad band attenuation, the Chamber Mute is particularly effective for silencing noise generated by engines, reciprocating compressors, and vacuum pumps.

STANDARD FEATURES

- **All steel, heavy gauge, welded construction**
- **Quality fabrication**
- **Condensate drain**
- **Inlet chamber double wall shells for integral dampening and added strength**
- **Heat resistant finish**
- **Plate flanges with 125 lbs. drilling — ANSI standards**
- **Vertical or horizontal mounting**

TWO STANDARD CONFIGURATIONS

CM-E-1 is designed for industrial silencing where background noises are appreciable.

CM-E-2 is designed for high degree silencing in residential type areas.

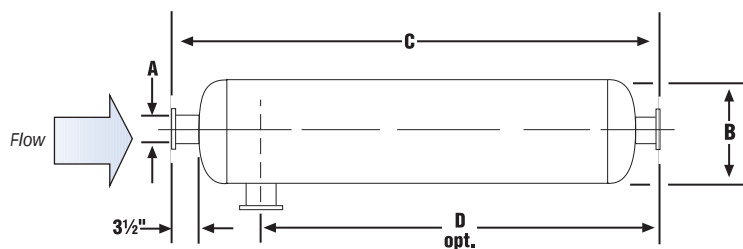
DIMENSIONS (INCHES)

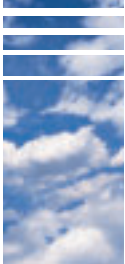
CM-E-1 Model				D	
	A	B	C	Max.	Min.
1-4	4	14 $\frac{3}{16}$	36	26	22
1-5	5	14 $\frac{3}{16}$	48	36	26
1-6	6	18 $\frac{3}{16}$	49 $\frac{1}{4}$	36	28
1-8	8	24 $\frac{1}{4}$	63	48	35
1-10	10	30 $\frac{3}{4}$	64 $\frac{3}{4}$	48	36
1-12	12	30 $\frac{3}{4}$	76 $\frac{3}{4}$	59	43
1-14	14	36 $\frac{5}{16}$	84 $\frac{1}{2}$	65	47
1-16	16	36 $\frac{5}{16}$	102 $\frac{1}{2}$	82	54
1-18	18	42 $\frac{5}{16}$	116 $\frac{3}{4}$	94	61
1-20	20	48 $\frac{5}{16}$	117 $\frac{3}{4}$	94	64
1-22	22	54 $\frac{5}{16}$	119 $\frac{3}{4}$	93	66
1-24	24	54 $\frac{5}{16}$	155 $\frac{3}{4}$	128	79
1-26	26	60 $\frac{5}{16}$	157	128	82
1-28	28	66 $\frac{5}{16}$	170 $\frac{3}{4}$	140	89
1-30	30	72 $\frac{5}{16}$	160 $\frac{1}{2}$	123	87
1-36	36	78 $\frac{5}{16}$	198	162	104
1-42	42	96 $\frac{5}{16}$	179	137	104
1-48	48	108 $\frac{7}{16}$	194	148	114
1-54	54	120 $\frac{7}{16}$	197 $\frac{1}{4}$	146	120
1-60	60	132 $\frac{7}{16}$	200 $\frac{1}{2}$	145	126

WORLD CLASS QUALITY

During the entire production process, our operations are governed by our ISO 9001 certified system.

CM-E-2 Model				D	
	A	B	C	Max.	Min.
2-4	4	16 $\frac{3}{16}$	60 $\frac{3}{4}$	49	31
2-5	5	18 $\frac{3}{16}$	61 $\frac{1}{4}$	49	32
2-6	6	24 $\frac{3}{16}$	63	49	34
2-8	8	24 $\frac{1}{4}$	99	84	47
2-10	10	30 $\frac{3}{4}$	112 $\frac{3}{4}$	96	54
2-12	12	36 $\frac{3}{4}$	126 $\frac{1}{2}$	108	60
2-14	14	36 $\frac{5}{16}$	138 $\frac{1}{2}$	119	65
2-16	16	42 $\frac{5}{16}$	152 $\frac{3}{4}$	131	72
2-18	18	48 $\frac{5}{16}$	165 $\frac{3}{4}$	142	79
2-20	20	54 $\frac{5}{16}$	179 $\frac{3}{4}$	152	87
2-22	22	54 $\frac{5}{16}$	227 $\frac{1}{4}$	201	104
2-24	24	60 $\frac{5}{16}$	241	213	110
2-26	26	66 $\frac{5}{16}$	242 $\frac{3}{4}$	213	112
2-28	28	72 $\frac{5}{16}$	256 $\frac{1}{2}$	225	118
2-30	30	72 $\frac{5}{16}$	304 $\frac{1}{2}$	272	135
2-36	36	96 $\frac{5}{16}$	251	212	125
2-42	42	96 $\frac{5}{16}$	371	329	168
2-48	48	108 $\frac{7}{16}$	386	340	178
2-54	54	120 $\frac{7}{16}$	401 $\frac{1}{4}$	350	186
2-60	60	132 $\frac{7}{16}$	404 $\frac{1}{2}$	349	192





Chamber Mute Intake/Exhaust Silencer

INSERTION LOSS CM-E-1

Octave Band	63	125	250	500	1K	2K	4K	8K
CM-E-1-4	0	7	22	27	22	17	16	17
CM-E-1-5	1	8	23	27	21	16	16	17
CM-E-1-6	2	9	25	27	21	16	16	17
CM-E-1-8	3	13	27	25	19	16	16	17
CM-E-1-10	5	17	28	24	17	16	16	18
CM-E-1-12	6	21	27	22	17	16	16	18
CM-E-1-14	8	24	27	21	16	16	17	19
CM-E-1-16	9	25	26	20	16	16	17	19
CM-E-1-18	11	26	26	20	16	16	17	19
CM-E-1-20	14	27	25	18	16	16	17	20
CM-E-1-22	14	27	25	18	16	16	17	20
CM-E-1-24	16	22	24	18	16	16	18	20
CM-E-1-26	21	27	22	17	16	17	18	21
CM-E-1-28	25	27	21	16	16	17	18	23
CM-E-1-30	25	26	20	16	16	17	19	23
CM-E-1-36	28	23	17	16	16	18	21	25

INSERTION LOSS CM-E-2

Octave Band	63	125	250	500	1K	2K	4K	8K
CM-E-2-4	6	18	33	35	29	24	22	24
CM-E-2-5	7	21	34	34	28	23	22	24
CM-E-2-6	8	25	35	33	27	23	22	24
CM-E-2-8	12	30	35	32	25	22	23	25
CM-E-2-10	17	33	35	29	24	22	24	26
CM-E-2-12	20	33	34	29	24	22	24	26
CM-E-2-14	23	34	34	28	23	22	24	26
CM-E-2-16	26	35	33	27	22	22	24	27
CM-E-2-18	29	35	32	26	23	24	25	27
CM-E-2-20	29	35	32	26	22	23	25	28
CM-E-2-22	30	35	32	25	22	23	25	28
CM-E-2-24	32	35	30	24	22	23	26	29
CM-E-2-26	33	35	29	24	22	23	26	29
CM-E-2-28	34	34	28	23	22	24	26	30
CM-E-2-30	35	28	27	23	23	25	27	31
CM-E-2-36	35	29	24	22	24	26	29	33

CHAMBER MUTE MODEL DESIGNATION

CM - E - 2 - 28

Chamber Mute

Exhaust
Service

Dash Number

Indicates
Degree of
Acoustical
Performance

Nominal
Inlet
Diameter



10300 ORMSBY PARK PL STE 600
LOUISVILLE KY 40223-6169
P O BOX 35690
LOUISVILLE KY 40232-5690
www.aafintl.com

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