

APPLICATION

The 205 silencers are designed to cover a majority of applications through a horsepower range of 200 to 5000, or a mass flow of 2.5 to 65 lbs/sec. Approximate capacities are based on average gas velocity through silencers of approximately 10,000 ft/min; and will vary depending on pressure drop criteria.

CONSTRUCTION

All welded heavy duty steel construction. Standard units are equipped with 125/150# ANSI flanged inlets and outlets. A variety of flanges or connections are available to meet customer requirements. Internals consist of special acoustical fiberglass packing adjacent to concentric perforated cylinders creating an annular passage design. In addition, special cone reducers and side inlets are available. Reducers allow a smooth transition where the line size is smaller than the inlet of the silencer. Side inlets provide convenience of installation as well as the benefit of an additional 3 to 5 dB'A' in silencing.

MATERIAL OPTIONS

Also available in aluminized and stainless steel. Consult factory for these material options.

FINISH

Standard finish is high heat silicone black or aluminum, depending on material options. Consult factory for optional coatings.

STAINLESS STEEL OPTIONS: 304, 316, & 316L

RATING

205-5100 SERIES	RESIDENTIAL GRADE
205-6100 SERIES	CRITICAL GRADE

INSTALLATION

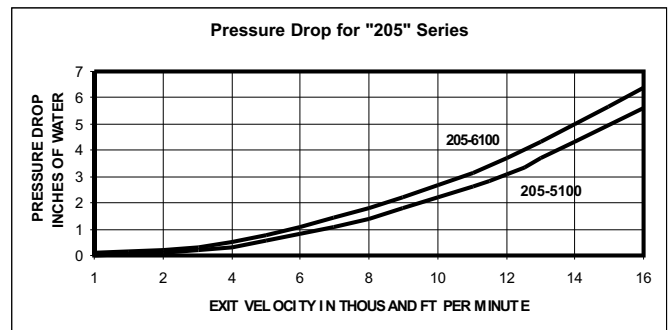
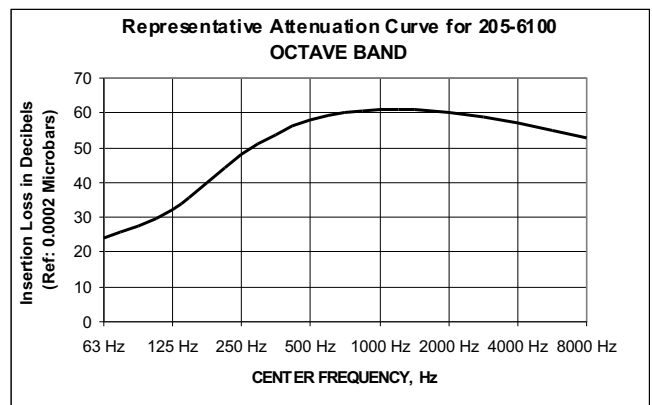
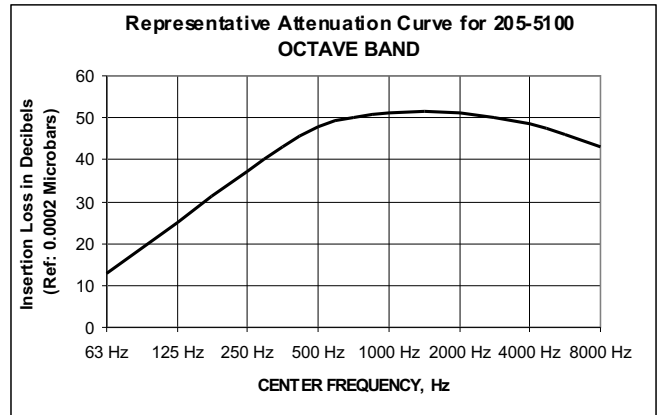
May be installed vertically or horizontally

VERSATILITY

The 205 series is truly a versatile silencer. In addition to standard engine applications, it is extensively used in gas turbine, blower, compressors, and vacuum pump applications.

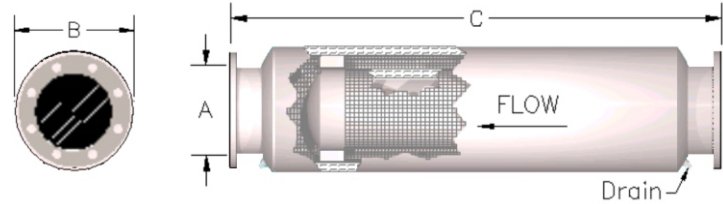
NOTES

The attenuation values are representative for an intermediate silencer. Peak attenuation will vary depending on silencer sizes.



205-5100 RESIDENTIAL GRADE

MODEL	A SIZE	B DIA	C OAL	WT
205-5110	10	20	56	310
205-5112	12	24	60	405
205-5114	14	26	66	520
205-5116	16	28	80	650
205-5118	18	36	91	810
205-5120	20	36	103	965
205-5122	22	36	110	1200
205-5124	24	42	115	1340
205-5126	26	42	129	1625
205-5128	28	48	141	2075
205-5130	30	48	144	2550
205-5132	32	54	150	2900
205-5134	34	54	156	3500
205-5136	36	60	164	3650
205-5140	40	66	176	4400
205-5142	42	66	204	4700



205-6100 CRITICAL GRADE

MODEL	A SIZE	B DIA	C OAL	WT
205-6104	4	14	54	105
205-6105	5	16	56	135
205-6106	6	16	56	145
205-6108	8	18	60	200
205-6110	10	20	68	365
205-6112	12	24	80	525
205-6114	14	26	96	665
205-6116	16	28	104	800
205-6118	18	36	114	1060
205-6120	20	36	126	1200
205-6122	22	36	140	1475
205-6124	24	42	158	1625
205-6126	26	42	168	1995
205-6128	28	48	176	2500
205-6130	30	48	188	3100
205-6132	32	54	204	3625
205-6134	34	54	216	4300
205-6136	36	60	228	4500
205-6140	40	66	248	5300
205-6142	42	66	258	5800

