

Slim Line "SLR" Series Critical Grade

APPLICATION

New space conserving design is specifically engineered to provide a high degree of attenuation in a low profile size. Ideal for engine enclosures, trailers, marine, or any application in which overall height is critical and/or low radiated heat is necessary.

Similar to the 401 Series in performance, the 501 Series, however, will facilitate a greater range of options to meet your specific needs.

Typical attenuation : 28 - 35 dB'A'

CONSTRUCTION

All welded heavy duty steel with compressed thermal acoustical insulation is inserted between the double shell construction of the silencer. Silencers are standard with 125/150# ANSI flanged inlet and outlet.

THERMAL PERFORMANCE

The 501-5100 Series utilizes an acoustical and thermal insulated packed shell. At 900 degrees (F) exhaust temperature, the packed shell can provide significant reduction (up to 80%) in the outer surface temperature depending on application and ambient conditions. This makes the 501 series an ideal choice for enclosures or small engine compartments. Additional outer thermal wraps are also available when lower surface temperatures are required. Consult factory for additional specifications and surface temperature analysis.

MATERIAL OPTIONS

A variety of material options are provided to satisfy most applications and budgets:

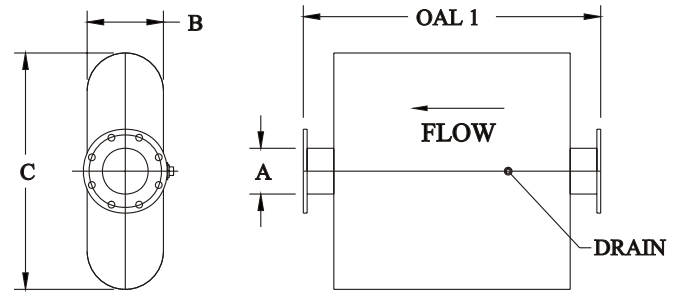
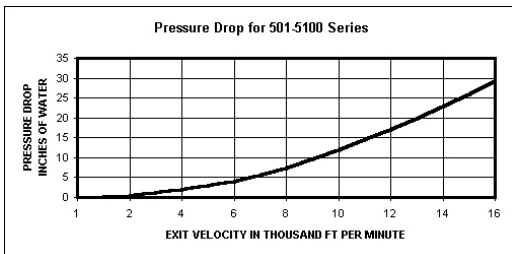
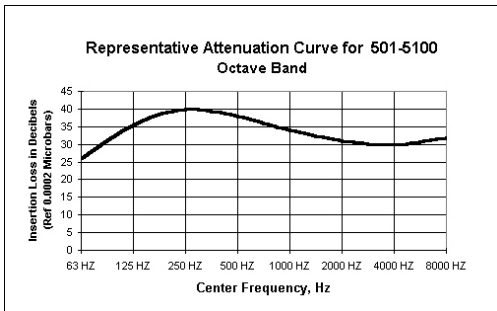
- C Carbon Steel
- AS Aluminized Steel
- S Stainless Steel

FINISH

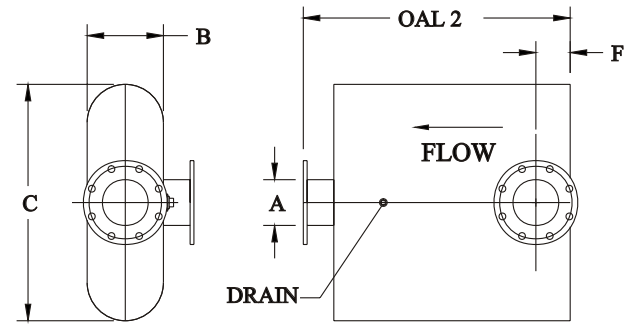
Standard finish is high heat silicone black or aluminum, depending on material options. Consult factory for optional coatings.

STAINLESS STEEL OPTIONS: 304, 316, & 316L

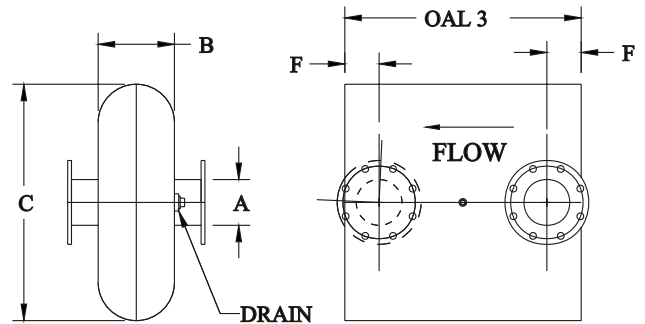
**Available with Dual Inlets
In Standard or Flush Mount**



STYLE 1



STYLE 2



STYLE 3

MODEL	A SIZE	B HGT	C WIDTH	OAL 1	OAL 2	OAL 3	F MIN	F MAX	WT
501-5104	4	7	26	34	30	26	5	8	119
501-5105	5	9	27	35	31	27	5.5	9	152
501-5106	6	10	31	39	35	31	6	9.5	206
501-5108	8	12	43	52	48	44	7	15	385
501-5110	10	14	50	58	54	50	8	17	559
501-5112	12	16	60	68	64	60	9	21	771
501-5114	14	21	63	72	68	64	10	21	929
501-5116	16	23	72	81	77	73	11	25.5	1282
501-5118	18	25	82	92	88	84	12	30	1576
501-5120	20	28	86	96	92	88	13	31	1902

ORDERING INFORMATION

When ordering, please place Material Option as illustrated in the examples below:

- 501-5110-3C Carbon Steel
- 501-5114-2AS Aluminized Steel
- 501-5108-1S Stainless Steel

All dimensions are in inches. Flanges extend beyond shell 4 inches. Consult Factory for Larger Sizes