

GT Exhaust Systems, Inc.

Phone: 402-323-7272 Fax: 402-323-7270

501-6100 SERIES

Slim Line "SLR" Series Super Critical

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 : 32 - 40 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 501-6100 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:

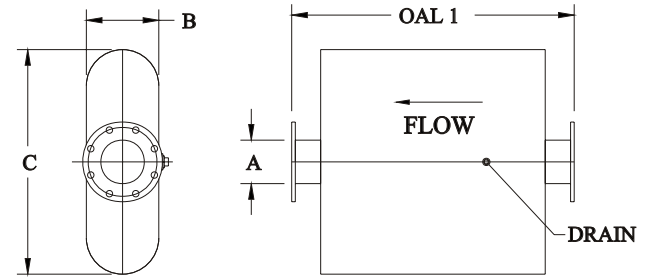
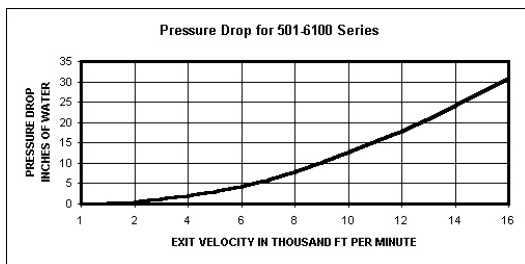
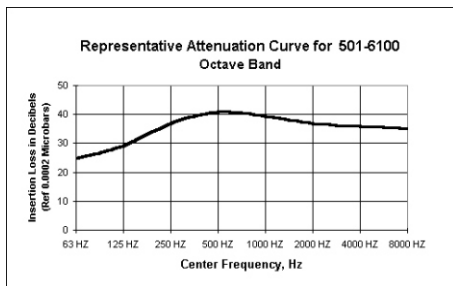
- C Carbon Steel
- AS Aluminized Steel
- S Stainless Steel

FINISH

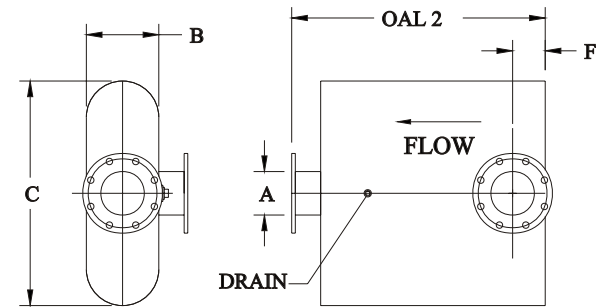
Standard finish is high heat silicone black or aluminum, depending on material options. Consult factory for optional coatings.

STAINLESS STEEL OPTIONS: 304, 316, & 321

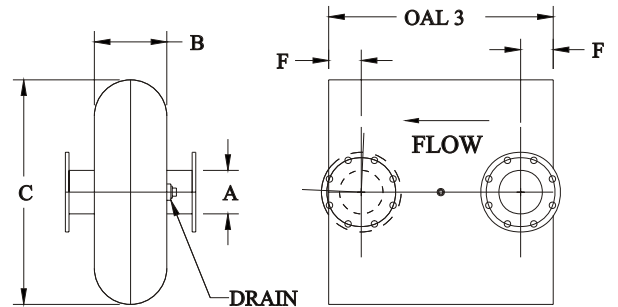
Available with Dual Inlets



STYLE 1



STYLE 2



STYLE 3

MODEL	A SIZE	B HGT	C WIDTH	OAL 1	OAL 2	OAL 3	F MIN	F MAX	WT
501-6104	4	8	32	40	36	32	5	11	158
501-6105	5	9	32	40	36	32	5.5	10.5	190
501-6106	6	10	36	44	40	36	6	12	255
501-6108	8	12	50	58	54	50	7	18	534
501-6110	10	14	57	65	61	57	8	20.5	730
501-6112	12	16	68	76	72	68	9	25	986
501-6114	14	22	68	76	72	68	10	24	1129
501-6116	16	26	73	82	78	74	11	26	1345
501-6118	18	28	84	94	90	86	12	31	1735
501-6120	20	32	90	100	96	92	13	33	2054

ORDERING INFORMATION

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

- 501-6110-2C Carbon Steel
- 501-6114-1AS Aluminized Steel
- 501-6108-3S Stainless Steel

All dimensions are in inches.
Consult Factory for Larger Sizes