

GT Exhaust Systems, Inc.

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

CATERPILLAR DUAL INLETS 3508B 3512B and 3516 Series Critical & Super Critical Silencers

APPLICATION

Special dual inlet silencers designed exclusively for the Caterpillar 3516 Quad Turbo engines. Silencers are designed for use in areas where ambient noise levels are very low, and high or critical grade silencing is required.

RATING

216-5100	CRITICAL	25 TO 33 dB'A
216-6100	SUPER CRITICAL	33 TO 40 dB'A

CONSTRUCTION

Silencers feature heavy-duty steel double shell construction. Standard with 125/150# steel plate flanges.

The Super Critical mode features compressed acoustical fiberglass inserted between the double shell. Packed shell can provide significant reduction in surface temperature depending on application and ambient conditions.

MATERIAL OPTIONS

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

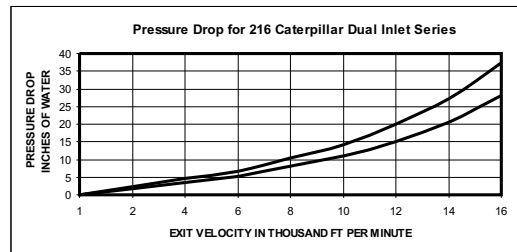
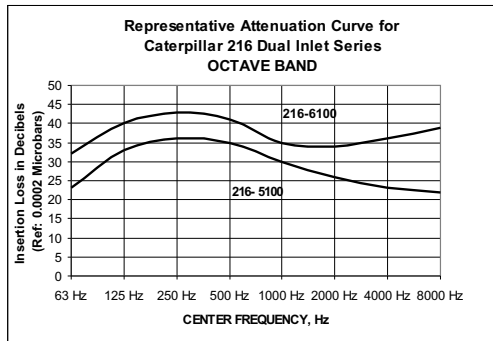
C	Carbon Steel
AS	Aluminized Shell
S	Stainless Steel

FINISH

Standard finish is high heat silicone black. Consult factory for optional coating.

STAINLESS STEEL OPTIONS: 304, 316, & 316L

INLET OPTIONS: 6, 8, or 10" ANSI flanged inlets.



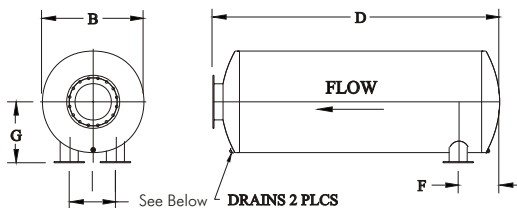
ORDERING INFORMATION

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

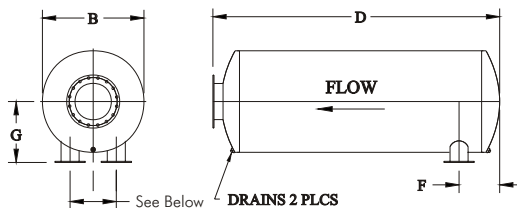
216-6114-22133-C	Carbon Steel Construction
216-5112-22127-AS	Aluminized Shell
216-6118-14950-S	Stainless Steel

See price sheets for additional information.

SIDE OUTLET OPTION: ADD THE NO. 3
EXAMPLE: 216-8-6112-3-3512B



216-5100



216-6100

For CAT 3508 B and 3516's the nominal spread is 20.48"
For CAT 3512 B the nominal spread is 20.64"

MODEL	A OUTLET	A' INLET	B DIA	D OAL	F MIN	F MAX	G	WT
CRITICAL GRADE								
3508 B								
216-6-5112-3508B	12	6	36	99	11	43	22	805
216-8-5112-3508B	12	8	36	99	13	42	22	815
3512 B								
216-8-5114-3512B	14	8	36	135	12	59	22	940
216-10-5114-3512B	14	10	36	135	14	58	22	950
216-8-5116-3512B	16	8	42	137	17	61	25	1130
216-10-5116-3512B	16	10	42	137	17	59	25	1135
3516								
216-8-5114-3516	14	8	36	135	12	60	22	940
216-10-5114-3516	14	10	36	135	13	59	22	950
216-8-5116-3516	16	8	42	137	17	61	25	1130
216-10-5116-3516	16	10	42	137	17	60	25	1135
216-8-5118-3516	18	8	48	138	18	64	29	1460
216-10-5118-3516	18	10	48	138	16	60	25	1470
SUPER CRITICAL								
3508 B								
216-6-6112-3508B	12	6	36	134	14	47	22	1365
216-8-6112-3508B	12	8	36	134	14	46	22	1375
3512 B								
216-8-6114-3512B	14	8	42	162	14	60	25	1200
216-10-6114-3512B	14	10	42	162	15	59	25	1210
216-8-6116-3512B	16	8	45	162	14	61	27	1200
216-10-6116-3512B	16	10	45	162	15	59	27	1210
3516								
216-8-6114-3516	14	8	42	162	14	60	25	1200
216-10-6114-3516	14	10	42	162	15	60	25	1210
216-8-6116-3516	16	8	45	162	18	61	27	1465
216-10-6116-3516	16	10	45	162	18	60	27	1470
216-8-6118-3516	18	8	48	174	20	61	29	2005
216-10-6118-3516	18	10	48	174	20	60	29	2010