

JC Series Critical Grade Silencers



Blue Star JC Series Standard Application

- ▶ Heavy-duty critical grade silencer
- ▶ Designed for heavy-duty stationary and mobile power units
- ▶ JC Series silencers provide a high degree of silencing where the ambient noise level is low and a high quality silencer is required

Standard Construction Features

- ▶ Aluminized Steel standard for silencers up to 26 inch body diameter
- ▶ Silencers larger than 26 inch body diameter standard carbon steel
- ▶ Can be mounted vertically or horizontally
- ▶ Standard high temperature (1200°F) satin black finish
- ▶ 1/2" NPT Drains standard
- ▶ Fully welded steel construction
- ▶ Standard NPT inlet and outlet connections on sizes 2 inch to 3.5 inch
- ▶ Standard 125/150# ASA drilled plate flanges on inlet and outlet of silencers 4 inch and larger
- ▶ Multi-chamber design

Optional Construction Features and Accessories

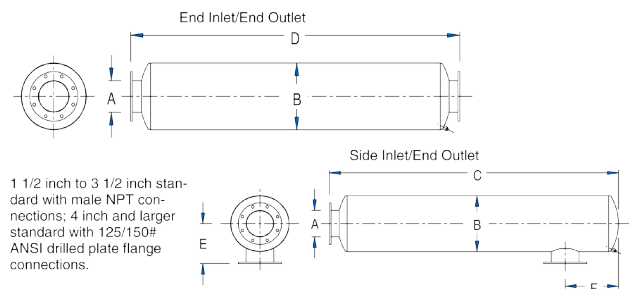
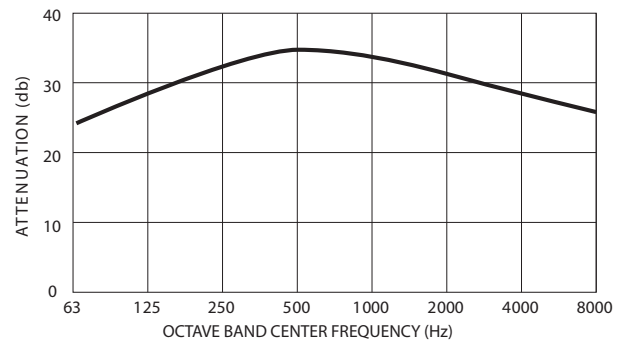
- ▶ Stainless Steel and Aluminum construction
- ▶ Special inlet and outlet connections
- ▶ Special inlet and outlet locations
- ▶ Special finishes available
- ▶ Vertical mounting legs
- ▶ Horizontal mounting saddles
- ▶ Mounting bands
- ▶ Horizontal and vertical shell legs
- ▶ Special acoustical designs
- ▶ Internal and external shell lagging
- ▶ Inspection openings
- ▶ Air leak tests
- ▶ ASME code construction
- ▶ Complete line of engine exhaust accessories

Engine Exhaust Silencer and Optional Accessories

- ▶ Exhaust Silencer
- ▶ Flexible Connector (Stainless Steel)
- ▶ Silencer Mounting Band
- ▶ Rain Cap
- ▶ Mitered Tail Pipe Extension
- ▶ Exhaust Elbows
- ▶ Mating Flanges / Gaskets
- ▶ Wall Thimble



Representative Attenuation Curve for "JC" Series Silencer



Model #	Part #	A	B	D	WT.	Model #	Part #	A	B	C	E	F	WT.
JCE-02	11450	2"	6"	42"	29	JCS-02	11451	2"	6"	39.7"	5.5"	7.2"	29
JCE-25	11452	2.5"	8"	42"	38	JCS-25	11453	2.5"	8"	39.8"	6.5"	7.4"	38
JCE-03	11454	3"	8"	43"	43	JCS-03	11455	3"	8"	40.6"	7"	7.4"	43
JCE-35	11456	3.5"	10"	55"	72	JCS-35	11457	3.5"	10"	53"	8"	9.2"	72
JCE-04	11458	4"	10"	56"	72	JCS-04	11459	4"	10"	53.5"	8.5"	9.2"	72
JCE-05	11460	5"	12"	68"	81	JCS-05	11461	5"	12"	65.6"	10"	12.2"	81
JCE-06	11462	6"	12"	68"	84	JCS-06	11463	6"	12"	65.6"	10"	12.2"	84
JCE-08	11464	8"	18"	92"	249	JCS-08	11465	8"	18"	90.5"	13"	16.5"	249
JCE-10	11466	10"	22"	108"	370	JCS-10	11467	10"	22"	105"	15"	20"	370
JCE-12	11468	12"	26"	120"	506	JCS-12	11469	12"	26"	117"	17"	21.5"	506