

JH Series Hospital Grade Silencers



Blue Star Power Systems, Inc. JH Series Standard Application

- ▶ Heavy-duty hospital grade silencer
- ▶ Designed for heavy-duty stationary and mobile power units
- ▶ JH Series are premium, critical degree silencers for use in low-ambient noise area where the standard critical grade silencer will not adequately suppress noise



Standard Construction Features

- ▶ Aluminized Steel standard for silencers up to 26 inch body diameter
- ▶ Silencers larger than 26 inch body diameter standard carbon steel
- ▶ Fully welded steel construction
- ▶ Can be mounted vertically or horizontally
- ▶ Standard high temperature (1200°F) satin black finish
- ▶ 1/2" NPT Drains standard
- ▶ 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
- ▶ Effectively attenuates the full range of sound frequencies

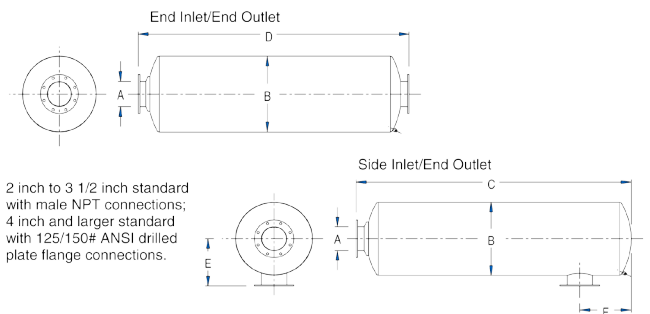
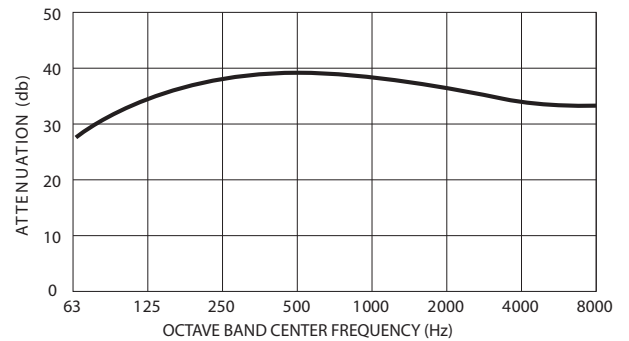
Optional Construction Features and Accessories

- ▶ 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 "JH" Series Silencer



Model #	Part #	A	B	D	WT.	Model #	Part #	A	B	C	E	F	WT.
JHE-02	11474	2"	10"	44"	55	JHS-02	11475	2"	10"	41.5"	8.5"	5.5"	55
JHE-25	11476	2.5"	12"	46"	75	JHS-25	11477	2.5"	12"	42.5"	10"	7.75"	75
JHE-03	11478	3"	12"	46"	75	JHS-03	11479	3"	12"	42.5"	10"	7.75"	75
JHE-35	11480	3.5"	14"	60"	110	JHS-35	11481	3.5"	14"	56.5"	11"	9.5"	110
JHE-04	11482	4"	14"	60"	115	JHS-04	11483	4"	14"	56.5"	11"	9.5"	115
JHE-05	11484	5"	18"	68"	180	JHS-05	11485	5"	18"	66.5"	13"	10.5"	180
JHE-06	11486	6"	18"	68"	185	JHS-06	11487	6"	18"	66.5"	13"	10.5"	185
JHE-08	11488	8"	26"	96"	460	JHS-08	11489	8"	26"	93.5"	17"	17.5"	460
JHE-10	11490	10"	30"	110"	680	JHS-10	11491	10"	30"	108"	19"	20"	680
JHE-12	11492	12"	36"	126"	855	JHS-12	11493	12"	36"	122"	22"	23"	855