

**UNIVERSAL**

Acoustic & Emission Technologies
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INDUSTRIAL FAN SILENCER SPECIFICATION SHEET

Customer Name _____ **Date** _____
Inquiry and/or Project Reference _____

APPLICATION INFORMATION

Application: intake discharge other _____
Type of gas: air steam other _____
Inlet Volume Flow _____ CFM Operating Pressure _____ psia/H₂O"
Allowable Pressure Drop _____ H₂O" Temperature _____ °F
Connection Sizes: Inlet _____ Discharge _____
(Specify round or rectangular.)
Size Restrictions: Length _____ Width _____ Height _____
Mounting Arrangements _____
(Specify legs, lugs, saddles, trunnions, skirt/base ring, etc.)
Special material requirements _____
(Standard materials are carbon steel, both internal and external.)
Special finish requirements _____
(Standard finish is hand tool cleaning per SSPC-SP2, solvent cleaning per SSPC-SP1 and a blue shopcoat primer.)

NOISE SPECIFICATIONS

	OCTAVE BAND CENTER FREQUENCY (Hz)								OVERALL	
	63	125	250	500	1K	2K	4K	8K	LINEAR	A-WT.
Unsilenced Sound Power Level _____ OR _____										
Unsilenced Sound Pressure Level at _____ feet										
Required Insertion Loss at _____ feet _____ OR _____										
Required Silenced Sound Pressure Level _____ dB(A) at _____ feet										

BLOWER/FAN INFORMATION (optional)

Manufacturer and Model No. _____
Speed _____ rpm Size & other info _____

ENVIRONMENTAL FACTORS

Ambient Temperature Range ____ to ____ °F Relative Humidity Range ____ to ____ %
Seismic Zone _____ re: UBC ANSI other _____
Wind Speed _____ mph Wind Pressure Load _____ lb/ft² Snow Load _____ lb/ft²
Other Design/Pressure Loads _____
Atmospheric Considerations _____
Other Considerations _____