



UNIVERSAL SILENCER

A DIVISION OF NELSON INDUSTRIES, INC.
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We're Leading A Quiet Revolution®

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 _____