



UNIVERSAL SILENCER

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

VENT SILENCER SPECIFICATION SHEET (PLEASE FURNISH ALL INFORMATION AVAILABLE)

CUSTOMER: _____ DATE: _____

CUSTOMER INQUIRY: _____ PROJECT REFERENCE: _____

CONDITIONS

Type of Gas: _____
Molecular Weight: _____
Ratio of Specific Heats: _____
Flow Rate: _____ pounds per hour
Pressure Upstream of Valve: _____ psia
Temperature Upstream of Valve: _____ degrees F.
Maximum Allowable Pressure Drop: _____ psi
Intermittent or Continuous Service: _____

VALVE

Type: _____ Size: _____ Rating: _____

BLOWDOWN APPLICATION

Pressurized Volume: _____ Ft.³
Maximum Blowdown Time: _____ minutes
Final Downstream Pressure: _____ psia

NOISE SPECIFICATIONS (Please provide unsilenced noise levels if available. Include distance and direction from source with schematic if possible.)

OCTAVE BAND CENTER FREQUENCY (HZ.)

UNSILENCED LEVEL

SPL at _____ feet, dB

63	125	250	500	1k	2k	4k	8k	Overall

dB(A)

SILENCED LEVEL REQUIRED _____ dB(A) overall at _____ feet

MOUNTING REQUIREMENTS

Silencer Inlet Size and Rating: _____
Maximum Silencer Dimensions: _____
Inlet Orientation: _____ Axial _____ Side
Silencer Orientation: _____ Vertical _____ Horizontal
Support: _____ Skirt and Base Ring _____ Shell Lugs _____ Legs
_____ Saddles _____ Nozzle _____ Other

SPECIAL MATERIAL REQUIREMENTS

Shell: _____
Internals: _____

STANDARD FINISH

Our standard finish procedure is hand tool cleaning per SSPC-SP2-63 and solvent cleaning per SSPC-SP1-63, with hi-heat aluminum paint finish.

(If additional space is needed for specifications, use separate sheet.)